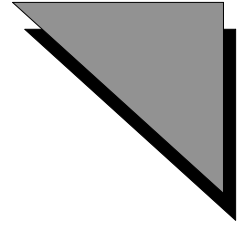

Appendix A: MicroStation Descartes Key-in Tables



Overview

This appendix provides a comprehensive list of the MicroStation Descartes key-ins. More than 1200 key-ins are listed and defined.

The list is broken into key-in tables. An additional table presents the file formats and file types that are supported in MicroStation Descartes. Here is a description of the contents of each table.

New Key-ins in MicroStation Descartes Version 7

This section lists all the new key-ins introduced in Version 7, see “New Key-ins in MicroStation Descartes Version 7” on page A-5.

MicroStation Descartes Key-ins

This section lists all key-ins prior to Version 7, see “MicroStation Descartes Key-ins” on page A-47.

Project Key-ins

These key-ins begin with IMG.

The Project Key-ins table contains the key-ins for managing the image project, for getting help and for exiting MicroStation Descartes.

See “Project Key-ins” on page A-47

Image Edit Key-ins

These key-ins begin with IMGEDIT.

The Image Edit Key-ins table contains the key-ins working with:

- All features described in chapter 6, Enhancing Images;
- All tools of the Local Transform tool box, described in chapter 7;
- All features described in chapter 9, Preparing and Managing Color Filters;
- All features described in chapter 10, Editing Images.

See “Image Edit Key-ins” on page A-52.

Image Manager Key-ins

These key-ins begin with IMGMANAGER.

The Image Manager Key-ins table contains the key-ins working with:

- All features described in chapter 5, Displaying Images with Image Manager;
- All features described in chapter 14, Converting Image Formats;
- All features described in chapter 15, Plotting and Printing Images.

See “Image Manager Key-ins” on page A-93.

Image File Formats

This table gives a comprehensive list of all file formats and file types that are supported in MicroStation Descartes. Supported data compression types are also listed. Choose the appropriate options in this table for completing the following key-ins in the Image Manager Key-ins table:

Key-in: IMGMANAGER BATCHCONVER SETOUTPUTSETTING
<Extension> <Pixel Type> <Compression>
<Directory>

Key-in: IMGMANAGER SAVEAS SETOUTPUTSETTING
<Extension> <Pixel Type> <Compression>

See “Image File Formats” on page A-120

Register Key-ins

These key-ins begin with IMGREGISTER.

The Register Key-ins table contains the key-ins working with all features described in chapter 8, Registering Images and Vector Data.

See “Register Key-ins” on page A-122.

Theme Key-ins

These key-ins begin with IMGTHEME.

The Theme Key-ins table contains the key-ins working with all features described in chapter 11, Preparing Theme Symbology.

See “Theme Key-ins” on page A-144.

Image Transform Key-ins

These key-ins begin with IMGTRANSFORM.

The Image Transform Key-ins table contains the key-ins working with all tools of the Image Transform tool box, described in chapter 7.

See “Image Transform Key-ins” on page A-171.

Vectorize Key-In

These key-ins begin with IMGVECTORIZE.

The Vectorize Key-ins table contains the key-ins working with:

- All features described in chapter 12, Vectorizing;
- All features described in chapter 13, Converting Text and Cells from Raster to Vector.

See “Vectorize Key-In” on page A-176.

Generic Plot Key-ins

These key-ins begin with IMGGENPLOT.

The Generic Plot Key-ins table contains the key-ins working with generic features described in chapter 15, Plotting and Printing Images.

See “Generic Plot Key-ins” on page A-191.

- ☞ For using the Generic Plot Key-ins, the current plot driver must be “dgen.plt.” To load this driver, choose Driver in the Setup menu of the Plot dialog box, and select its name in the dialog box that displays.

PostScript Plot Key-ins

These key-ins begin with IMGPSLOT.

The PostScript Plot Key-ins table contains the key-ins working with PostScript features described in chapter 15, Plotting and Printing Images.

See “PostScript Plot Key-ins” on page A-194.

- ☞ For using the PostScript Plot Key-ins, the current plot driver must be “dcps.plt”. To load this driver, choose Driver in the Setup menu of the Plot dialog box, and select its name in the dialog box that displays.

RTL Plot Key-ins

These key-ins begin with IMGRTLLOT.

The RTL Plot Key-ins table contains the key-ins working with the RTL features described in chapter 15, Plotting and Printing Images.

See “RTL Plot Key-ins” on page A-198.

- ☞ For using the RTL Plot Key-ins, the current plot driver must be “dctrl.plt.” To load this driver, choose Driver in the Setup menu of the Plot dialog box, and select its name in the dialog box that displays.

New Key-ins in MicroStation Descartes Version 7

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER BATCHA GETRES- AMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a Img (24 bits) file.	Image Manager > File > Batch Con- version
IMGMANAGER BATCHA SETRES- AMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the cre- ation of a Img (24 bits) file.	Image Manager > File > Batch Con- version
IMGMANAGER BATCHA SETRES- AMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the cre- ation of a Img (24 bits) file.	Image Manager >File > Batch Con- version
IMGMANAGER BATCHA SETLO- CATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference infor- mation. The valid value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Con- version
IMGMANAGER BATCHA GETLO- CATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference infor- mation. The return value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Con- version
IMGMANAGER BATCHBMP GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a Win- dows BMP file.	Image Manager > File > Batch Con- version

MicroStation Descartes Key-in Tables

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER BATCHBMP SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a Windows BMP file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHBMP SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a Windows BMP file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHBMP SET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference information. The valid value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER BATCHBMP GET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference information. The return value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER BATCHCAL GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Returns the resampling status for the creation of a CALS file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHCAL SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a CALS file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHCAL SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a CALS file.	Image Manager > File > Batch Conversion

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER BATCHCAL SET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference infor- mation. The valid value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Conver- sion
IMGMANAGER BATCHCAL GET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference infor- mation. The return value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Conver- sion
IMGMANAGER BATCHCIT GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a Inter- graph CIT file.	Image Manager > File > Batch Conver- sion
IMGMANAGER BATCHCIT SETRE- SAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the cre- ation of a Intergraph CIT file.	Image Manager > File > Batch Conver- sion
IMGMANAGER BATCHCIT SETRE- SAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the cre- ation of a Intergraph CIT file.	Image Manager > File > Batch Conver- sion
IMGMANAGER BATCHCOT GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a Inter- graph COT file.	Image Manager > File > Batch Conver- sion
IMGMANAGER BATCHCOT SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the cre- ation of a Intergraph COT file.	Image Manager > File > Batch Conver- sion

MicroStation Descartes Key-in Tables

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER BATCHCOT SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a Intergraph COT file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHHMR GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Returns the resampling status for the creation of a HMR file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHHMR SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a HMR file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHHMR SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a HMR file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHJPG GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Returns the resampling status for the creation of a JPEG file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHJPG SETRE- SAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a JPEG file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHJPG SETRE- SAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a JPEG file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHJPG SET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference information. The valid value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER BATCHJPG GET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference infor- mation. The return value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Con- version
IMGMANAGER BATCHP GETRES- AMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a Img file.	Image Manager > File > Batch Con- version
IMGMANAGER BATCHP SETRESA- MPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the cre- ation of a Img file.	Image Manager > File > Batch Con- version
IMGMANAGER BATCHP SETRESA- MPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the cre- ation of a Img file.	Image Manager > File > Batch Con- version
IMGMANAGER BATCHP SETLO- CATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference infor- mation. The valid value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Con- version
IMGMANAGER BATCHP GETLO- CATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference infor- mation. The return value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Con- version
IMGMANAGER BATCHPCX GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a PCX file.	Image Manager > File > Batch Con- version

MicroStation Descartes Key-in Tables

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER BATCHPCX SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a PCX file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHPCX SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a PCX file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHPCX SET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference information. The valid value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER BATCHPCX GET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference information. The return value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER BATCHRGB GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Returns the resampling status for the creation of a Intergraph RGB file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHRGB SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a Intergraph RGB file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHRGB SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a Intergraph RGB file.	Image Manager > File > Batch Conversion

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER BATCHRGB SET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference infor- mation. The valid value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Conver- sion
IMGMANAGER BATCHRGB GET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference infor- mation. The return value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Conver- sion
IMGMANAGER BATCHRLE GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a Inter- graph RLE file.	Image Manager > File > Batch Conver- sion
IMGMANAGER BATCHRLE SETRE- SAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the cre- ation of a Intergraph RLE file.	Image Manager > File > Batch Conver- sion
IMGMANAGER BATCHRLE SETRE- SAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the cre- ation of a Intergraph RLE file.	Image Manager > File > Batch Conver- sion
IMGMANAGER BATCHRS GETRE- SAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a Sun Raster file.	Image Manager > File > Batch Conver- sion
IMGMANAGER BATCHRS SETRES- AMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the cre- ation of a Sun Raster file.	Image Manager > File > Batch Conver- sion

MicroStation Descartes Key-in Tables

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER BATCHRS SETRES- AMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a Sun Raster file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHRS SETLO- CATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference information. The valid value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER BATCHRS GETLO- CATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference information. The return value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTG4 GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resampling status for the creation of a Intergraph TG4 file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTG4 SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a Intergraph TG4 file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTG4 SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a Intergraph TG4 file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTGA GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resampling status for the creation of a Targa file.	Image Manager > File > Batch Conversion

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER BATCHTGA SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a Targa file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTGA SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a Targa file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTGA SET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference information. The valid value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTGA GET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference information. The return value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTIF GET- GCS	Output: [STRING]	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Get the Geographic Coordinate System name used for the creation of a GeoTiff file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTIF GET- PROJECTION	Output: [STRING]	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Get the Projection name used for the creation of a GeoTiff file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTIF GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the resampling status for the creation of a TIFF file.	Image Manager > File > Batch Conversion

MicroStation Descartes Key-in Tables

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER BATCHTIF SET- GCS	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the Geographic Coordinate System name used for the creation of a GeoTiff file. The Geographic Coordinate System name must be present in the file geotifcs.cfg.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTIF SET- PROJECTION	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the Projection name used for the creation of a GeoTiff file. The Projection name must be present in the file geotifcs.cfg.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTIF SETRE- SAMPLEDDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a TIFF file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTIF SETRE- SAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a TIFF file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTIF SETLO- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference information. The valid value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTIF GET- LOCATION [locat ion format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference information. The return value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER BSAVEASRLE GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resampling status for the creation of a Intergraph RLE file.	Image Manager > File > Save As
IMGMANAGER DISPLAY GET- GLOBALFIT	Input: NONE Out- put: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the status of the Fit All Images and Design Elements to View.	
IMGMANAGER DISPLAY SETGLO- BALFITON	Input: NONE	KIN_SUCCESS KIN_ERROR	Set the status of the toggle Fit All Images and Design Elements to ON.	
IMGMANAGER DISPLAY SETGLO- BALFITOFF	Input: NONE	KIN_SUCCESS KIN_ERROR	Set the status of the toggle Fit All Images and Design Elements to OFF.	
IMGMANAGER DISPLAY GLO- BALFIT	Input: [SHORT]	KIN_SUCCESS KIN_ERROR	Fits all visible image and all design elements to a view. If view is not specified, a data point is required to identify the desired view.	
IMGMANAGER DISPLAY Recon- nect <view num- ber> [file name]	Input: SHORT [STRING]	KIN_INVALID_VIE W KIN_ERROR KIN_SUCCESS KIN_FILE_NOT_F OUND KIN_PERM_DENIE D	Tries to reconnect the specified image in the specified view. If no filename is specified, tries to reconnect the selected images in the specified view.	Image Manager > Display> Reconnect
IMGMANAGER DLGCACHESET- TING OPEN	NONE	KIN_ERROR KIN_PERM_DENIE D KIN_SUCCESS	Opens the Internet Client Cache Settings dialog.	Image Manager > Settings > Prefer- ences > MSI Client Cache

MicroStation Descartes Key-in Tables

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER DLGSERVERSET- TING CLOSE	NONE	KIN_ERROR KIN_SUCCESS KIN_PERM_DENIE D	Closes the Image Servers Settings dia- log.	Image Manager > File> Settings > Image Servers
IMGMANAGER DLGSERVERSET- TING OPEN	NONE	KIN_ERROR KIN_PERM_DENIE D KIN_SUCCESS	Opens the Image Servers Setting dia- log.	Image Manager > File> Settings > Image Servers
IMGMANAGER INTERNETCACHE GETCACHINGTH- RESHOLD (thresh- old)	Output: LONG	KIN_ERROR KIN_PERM_DENIE D KIN_SUCCESS	Returns the mini- mum file size of the file to put in the cache. (in Kb)	Image Manager > Settings > Prefer- ences > MSI Client Cache
IMGMANAGER INTERNETCACHE GETDIRECTORY (directory)	Output: STRING	KIN_INVALID_PAR AM KIN_SUCCESS KIN_PERM_DENIE D	Returns the HIP local cache directory.	Image Manager > Settings > Prefer- ences > MSI Client Cache
IMGMANAGER INTERNETCACHE GETDISKMAX- SIZE (size)	Output: LONG	KIN_ERROR KIN_PERM_DENIE D KIN_SUCCESS	Returns the maxi- mum size of the disk cache. (in Mb)	Image Manager > Settings > Prefer- ences > MSI Client Cache
IMGMANAGER INTERNETCACHE GETMEMORY- MAXSIZE (size)	Output: LONG	KIN_ERROR KIN_PERM_DENIE D KIN_SUCCESS	Returns the maxi- mum size of the memory cache. (in Mb)	Image Manager > Settings > Prefer- ences > MSI Client Cache
IMGMANAGER INTERNETCACHE SETCACHINGTH- RESHOLD <thresh- old>	Input: LONG	KIN_ERROR KIN_PERM_DENIE D KIN_INVALID_PAR AM KIN_SUCCESS	Sets the minimum file size of the file to put in the cache. (in Kb)	Image Manager > Settings > Prefer- ences > MSI Client Cache
IMGMANAGER INTERNETCACHE SETDIRECTORY <directory>	Input: STRING	KIN_ERROR KIN_INVALID_PAR AM KIN_SUCCESS KIN_PERM_DENIE D	Sets the HIP local cache directory.	Image Manager > Settings > Prefer- ences > MSI Client Cache

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER INTERNETCACHE SETDISKMAXSIZE <size>	Input: LONG	KIN_ERROR KIN_PERM_DENIED KIN_SUCCESS	Sets the maximum size of the disk cache. (in Mb)	Image Manager > Settings > Preferences > MSI Client Cache
IMGMANAGER INTERNETCACHE SETMEMORYMAXSIZE <size>	Input: LONG	KIN_ERROR KIN_PERM_DENIED KIN_SUCCESS	Sets the maximum size of the memory cache. (in Mb)	Image Manager > Settings > Preferences > MSI Client Cache
IMGMANAGER LOCATION GETAFFANGLE (angle)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Returns the affinity angle recorded in the active image.	Image Manager > File > Properties > Location
IMGMANAGER LOCATION GETPIXELSIZELOCK (status)	Output: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Returns the status of the pixel size lock.	Image Manager > File > Properties > Location
IMGMANAGER LOCATION GETPIXELSIZEX (size)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Returns the pixel width recorded in the active image.	Image Manager > File > Properties > Location
IMGMANAGER LOCATION GETPIXELSIZEY (size)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Returns the pixel height recorded in the active image.	Image Manager > File > Properties > Location
IMGMANAGER LOCATION GETROTANGLE (angle)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Returns the rotation angle recorded in the active image.	Image Manager > File > Properties > Location
IMGMANAGER LOCATION GETSCALEFACTOR (value)	Output: DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Returns the scale factor for the active image.	Image Manager > Tools > Image Transform

MicroStation Descartes Key-in Tables

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER LOCATION SET- AFFANGLE <angle>	Input: STRING	KIN_NOIMAGE KIN_FILE_READ_ ONLY KIN_INVALID_PAR AM KIN_ERROR KIN_SUCCESS	Sets the affinity angle to record into the active image.	Image Manager > File > Properties > Location
IMGMANAGER LOCATION SETD- PIX <value>	Input: LONG	KIN_NOIMAGE KIN_FILE_READ_ ONLY KIN_INVALID_PAR AM KIN_ERROR KIN_SUCCESS	Set the dpi about the X-axis for the active image.	Image Manager > File> Properties > Location
IMGMANAGER LOCATION SETD- PIY <value>	Input: LONG	KIN_NOIMAGE KIN_FILE_READ_ ONLY KIN_INVALID_PAR AM KIN_ERROR KIN_SUCCESS	Set the dpi about the Y-axis for the active image.	Image Manager > File> Properties > Location
IMGMANAGER LOCATION SET- PIXELSIZELOCK- OFF (status)	NONE	KIN_SUCCESS KIN_ERROR	Sets the status of the pixel size lock to OFF.	Image Manager > File > Properties > Location
IMGMANAGER LOCATION SET- PIXELSIZE- LOCKON (status)	NONE	KIN_SUCCESS KIN_ERROR	Sets the status of the pixel size lock to ON.	Image Manager > File > Properties > Location
IMGMANAGER LOCATION SET- PIXELSIZEEX <size>	Input: STRING	KIN_NOIMAGE KIN_FILE_READ_ ONLY KIN_INVALID_PAR AM KIN_ERROR KIN_SUCCESS	Sets the pixel width to record into the active image.	Image Manager > File > Properties > Location
IMGMANAGER LOCATION SET- PIXELSIZEY <size>	Input: STRING	KIN_NOIMAGE KIN_FILE_READ_ ONLY KIN_INVALID_PAR AM KIN_ERROR KIN_SUCCESS	Sets the pixel height to record into the active image.	Image Manager > File > Properties > Location

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER LOCATION SET- ROTANGLE <angle>	Input: STRING	KIN_NOIMAGE KIN_FILE_READ_ ONLY KIN_INVALID_PAR AM KIN_ERROR KIN_SUCCESS	Sets the rotation angle to record into the active image.	Image Manager > File > Properties > Location
IMGMANAGER LOCATION SET- SCALEFACTOR <value>	Input: DOUBLE	KIN_NOIMAGE KIN_FILE_READ_ ONLY KIN_INVALID_PAR AM KIN_ERROR KIN_SUCCESS	Set the scale factor of the active image.	Image Manager > Tools > Image Trans- form
IMGMANAGER NEWIMAGE GETAFFANGLE (Rotation angle)	Output: STRING	KIN_INVALID_PAR AM KIN_SUCCESS	Returns the affinity angle of the new image.	Image Manager > File > New > Loca- tion
IMGMANAGER NEWIMAGE GET- DPIY (value)	Ouput: LONG	KIN_INVALID_PAR AM KIN_SUCCESS	Returns the dpi Y of the new image.	Idem
IMGMANAGER NEWIMAGE GET- PIXELSIZE X (Pix- elSize X)	Output: STRING	KIN_INVALID_PAR AM KIN_SUCCESS	Returns the pixel size X of the new image in Working units. (ex: 1:150.000)	Image Manager > File > New > Loca- tion
IMGMANAGER NEWIMAGE GET- PIXELSIZE Y (Pix- elSize Y)	Output: STRING	KIN_INVALID_PAR AM KIN_SUCCESS	Returns the pixel size Y of the new image in Working units. (ex: 1:150.000)	Image Manager > File > New > Loca- tion
IMGMANAGER NEWIMAGE GETROTANGLE (Rotation angle)	Output: STRING	KIN_INVALID_PAR AM KIN_SUCCESS	Returns the rotation angle of the new image.	Image Manager > File > New > Loca- tion
IMGMANAGER NEWIMAGE GETSCALEFAC- TOR (value)	Ouput: DOUBLE	KIN_INVALID_PAR AM KIN_SUCCESS	Returns the scale factor of the new image.	Idem

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER NEWIMAGE SET- AFFANGLE <Affin- ity angle>	Input: STRING	KIN_INVALID_PAR AM KIN_SUCCESS	Sets the affinity angle of the new image.	Image Manager > File > New > Loca- tion
IMGMANAGER NEWIMAGE SETD- PIX <value>	Input: LONG	KIN_INVALID_PAR AM KIN_SUCCESS	Set the dpi X of the new image.	Image Manager > File > New > Loca- tion
IMGMANAGER NEWIMAGE SETD- PIY <value>	Input: LONG	KIN_INVALID_PAR AM KIN_SUCCESS	Set the dpi Y of the new image.	Idem
IMGMANAGER NEWIMAGE SET- PIXELSIZE X <Pix- elSize X>	Input: STRING	KIN_INVALID_PAR AM KIN_SUCCESS	Sets the pixel size X of the new image in Working units. (ex: 1:150.000)	Image Manager > File > New > Loca- tion
IMGMANAGER NEWIMAGE SET- PIXELSIZE Y <Pix- elSize Y>	Input: STRING	KIN_INVALID_PAR AM KIN_SUCCESS	Sets the pixel size Y of the new image in Working units. (ex: 1:150.000)	Image Manager > File > New > Loca- tion
IMGMANAGER NEWIMAGE SET- ROTANGLE <Rota- tion angle>	Input: STRING	KIN_INVALID_PAR AM KIN_SUCCESS	Sets the rotation angle of the new image.	Image Manager > File > New > Loca- tion
IMGMANAGER NEWIMAGE SET- SCALEFACTOR <value>	Input: DOUBLE	KIN_INVALID_PAR AM KIN_SUCCESS	Sets the scale factor of the new image.	Idem
IMGMANAGER PLOTINVERTBW GET	Output: SHORT	KIN_INVALID_PAR AM KIN_SUCCESS	Return the status of the black and white 1 bit plot inversion.	
IMGMANAGER PLOTINVERTBW SETOFF	NONE	KIN_SUCCESS	Disable inversion of 1 bit black and white images.	
IMGMANAGER PLOTINVERTBW SETON	NONE	KIN_SUCCESS	Enable inversion of 1 bit black and white images.	

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SAVEASA GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Returns the resampling status for the creation of a Img (24 bits) file.	Image Manager > File > Save As
IMGMANAGER SAVEASA SETRESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a Img (24 bits) file.	Image Manager > File > Save As
IMGMANAGER SAVEASA SETRESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a Img (24 bits) file.	Image Manager > File > Save As
IMGMANAGER SAVEASA SETLOCATION [location format]	Input: [STRING]	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference information. The valid value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER SAVEASA GETLOCATION [location format]	Input: [STRING]	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference information. The return value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER SAVEASBMP GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Returns the resampling status for the creation of a Windows BMP file.	Image Manager > File > Save As
IMGMANAGER SAVEASBMP SETRESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a Windows BMP file.	Image Manager > File > Save As

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SAVEASBMP SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a Windows BMP file.	Image Manager > File > Save As
IMGMANAGER SAVEASBMP SET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference information. The valid value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER SAVEASBMP GET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference information. The return value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER SAVEASCAL GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resampling status for the creation of a Intergraph CAL file.	Image Manager > File > Save As
IMGMANAGER SAVEASCAL SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a Intergraph CAL file.	Image Manager > File > Save As
IMGMANAGER SAVEASCAL SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a Intergraph CAL file.	Image Manager > File > Save As

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SAVEASCAL SET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference infor- mation. The valid value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Conver- sion
IMGMANAGER SAVEASCAL GET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference infor- mation. The return value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Conver- sion
IMGMANAGER SAVEASCIT GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a Inter- graph CIT file.	Image Manager > File > Save As
IMGMANAGER SAVEASCIT SETRE- SAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the cre- ation of a Intergraph CIT file.	Image Manager > File > Save As
IMGMANAGER SAVEASCIT SETRE- SAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the cre- ation of a Intergraph CIT file.	Image Manager > File > Save As
IMGMANAGER SAVEASCOT GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a Inter- graph COT file.	Image Manager > File > Save As
IMGMANAGER SAVEASCOT SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the cre- ation of a Intergraph COT file.	Image Manager > File > Save As

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SAVEASCOT SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a Intergraph COT file.	Image Manager > File > Save As
IMGMANAGER SAVEASHMR GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resampling status for the creation of a HMR file.	Image Manager > File > Save As
IMGMANAGER SAVEASHMR SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a HMR file.	Image Manager > File > Save As
IMGMANAGER SAVEASHMR SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a HMR file.	Image Manager > File > Save As
IMGMANAGER SAVEASHPCX SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a PCX file.	Image Manager > File > Save As
IMGMANAGER SAVEASPCX SET- LOCATION [locat ion format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference information. The valid value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER SAVEASPCX GET- LOCATION [locat ion format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference information. The return value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER SAVEASJPG GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resampling status for the creation of a JPEG file.	Image Manager > File > Save As

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SAVEASJPG SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a JPEG file.	Image Manager > File > Save As
IMGMANAGER SAVEASJPG SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a JPEG file.	Image Manager > File > Save As
IMGMANAGER SAVEASJPG SET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference information. The valid value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER SAVEASJPG GET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference information. The return value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER SAVEASP GETRE- SAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resampling status for the creation of a Img file.	Image Manager > File > Save As
IMGMANAGER SAVEASP SETRES- AMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a Img file.	Image Manager > File > Save As
IMGMANAGER SAVEASP SETRES- AMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a Img file.	Image Manager > File > Save As

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Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SAVEASP SETLO- CATION [location format]	Input: [STRING]	KIN_INVALID_PAR AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference infor- mation. The valid value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Con- version
IMGMANAGER SAVEASP GETLO- CATION [location format]	Input: [STRING]	KIN_INVALID_PAR AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference infor- mation. The return value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Con- version
IMGMANAGER SAVEASPCX GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_PAR AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a PCX file.	Image Manager > File > Save As
IMGMANAGER SAVEASPCX SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the cre- ation of a PCX file.	Image Manager > File > Save As
IMGMANAGER SAVEASRGB GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_PAR AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a Inter- graph RGB file.	Image Manager > File > Save As
IMGMANAGER SAVEASRGB SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the cre- ation of a Intergraph RGB file.	Image Manager > File > Save As
IMGMANAGER SAVEASRGB SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the cre- ation of a Intergraph RGB file.	Image Manager > File > Save As

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SAVEASRGB SET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference infor- mation. The valid value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Conver- sion
IMGMANAGER SAVEASRGB GET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference infor- mation. The return value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Conver- sion
IMGMANAGER SAVEASRLE SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the crea- tion of a Intergraph RLE file.	Image Manager > File > Save As
IMGMANAGER SAVEASRLE SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the crea- tion of a Intergraph RLE file.	Image Manager > File > Save As
IMGMANAGER SAVEASRS GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a Sun Raster file.	Image Manager > File > Save As
IMGMANAGER SAVEASRS SETRE- SAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the crea- tion of a Sun Raster file.	Image Manager > File > Save As
IMGMANAGER SAVEASRS SETRE- SAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the crea- tion of a Sun Raster file.	Image Manager > File > Save As

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Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SAVEASRS SETLO- CATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference infor- mation. The valid value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Con- version
IMGMANAGER SAVEASRS GETLO- CATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference infor- mation. The return value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Con- version
IMGMANAGER SAVEASTG4 GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a Inter- graph TG4 file.	Image Manager > File > Save As
IMGMANAGER SAVEASTG4 SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the cre- ation of a Intergraph TG4 file.	Image Manager > File > Save As
IMGMANAGER SAVEASTG4 SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the cre- ation of a Intergraph TG4 file.	Image Manager > File > Save As
IMGMANAGER SAVEASTGA GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a Targa file.	Image Manager > File > Save As
IMGMANAGER SAVEASTGA SET- RESAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the cre- ation of a Targa file.	Image Manager > File > Save As
IMGMANAGER SAVEASTGA SET- RESAMPLEDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the cre- ation of a Targa file.	Image Manager > File > Save As

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SAVEASTGA SET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference infor- mation. The valid value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Conver- sion
IMGMANAGER SAVEASTGA GET- LOCATION [location format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference infor- mation. The return value for location format string are: "HGR" and "World- File".	Image Manager > File > Batch Conver- sion
IMGMANAGER SAVEASTIF GET- GCS	Output: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the Geographic Coordinate System name used for the creation of a GeoTiff file.	Image Manager > File > Save As
IMGMANAGER SAVEASTIF GET- PROJECTION	Output: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the Projection name used for the creation of a GeoTiff file.	Image Manager > File > Save As
IMGMANAGER SAVEASTIF GETRESAMPLED (status)	Output: SHORT	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Returns the resam- pling status for the creation of a TIFF file.	Image Manager > File > Save As
IMGMANAGER SAVEASTIF SET- GCS	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the Geographic Coordinate System name used for the creation of a GeoTiff file. The Geographic Coordinate System name must be present in the file geotifcs.cfg.	Image Manager > File > Save As

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SAVEASTIF SET- PROJECTION	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the Projection name used for the creation of a GeoTiff file. The Projection name must be present in the file geotifcs.cfg.	Image Manager > File > Save As
IMGMANAGER SAVEASTIF SETRE- SAMPLEDDON	NONE	KIN_SUCCESS	Sets the resampling to ON for the creation of a TIFF file.	Image Manager > File > Save As
IMGMANAGER SAVEASTIF SETRE- SAMPLEDOFF	NONE	KIN_SUCCESS	Sets the resampling to OFF for the creation of a TIFF file.	Image Manager > File > Save As
IMGMANAGER SAVEASTIF SET- LOCATION [loca- tion format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Set the location file format used to store georeference information. The valid value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER SAVEASTIF GET- LOCATION [loca- tion format]	Input: [STRING]	KIN_INVALID_P AM KIN_ERROR KIN_SUCCESS	Get the location file format used to store georeference information. The return value for location format string are: "HGR" and "World-File".	Image Manager > File > Batch Conversion
IMGMANAGER SERVER ADD <alias server name>	Input: STRING	INVALID_PARAM KIN_ERROR KIN_SUCCESS KIN_PERM_DENIE D	Adds a new alias name to the current Image Servers file.	Image Manager > Settings > Image Servers
IMGMANAGER SERVER DELETE <alias server name>	Input: STRING	INVALID_PARAM KIN_ERROR KIN_SUCCESS KIN_PERM_DENIE D	Deletes the specified Image Server from the opened Image Server file.	Image Manager > Settings > Image Servers

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SERVER GETCON- NECTION < alias server name > (connection)	Input: STRING Output: STRING	KIN_ERROR KIN_INVALID_SER VER KIN_INVALID_PAR AM KIN_SUCCESS KIN_PERM_DENIE D	Returns the type of connection of speci- fied server (SOCKET or HTTP).	Image Manager > Settings > Image Servers
IMGMANAGER SERVER GETEX- TENSION < alias server name > (extension)	Input: STRING Output: STRING	KIN_ERROR KIN_INVALID_SER VER KIN_INVALID_PAR AM KIN_SUCCESS KIN_PERM_DENIE D	Returns the exten- sion of the specified server.	Image Manager > Settings > Image Servers
IMGMANAGER SERVER GETN- BRETRIES (nb retries)	Output: INT	KIN_INVALID_PAR AM KIN_SUCCESS KIN_PERM_DENIE D	Returns the number of retries for a con- nection lost.	Image Manager > Settings > Image Servers
IMGMANAGER SERVER GET- PORT < alias server name > (port)	Input: STRING Output: LONG	KIN_INVALID_SER VER KIN_INVALID_PAR AM KIN_SUCCESS KIN_PERM_DENIE D	Returns the port of the specified server.	Image Manager > Settings > Image Servers
IMGMANAGER SERVER GETSERV- ERNAME < alias server name > (server name)	Input: STRING Output: STRING	KIN_INVALID_SER VER KIN_INVALID_PAR AM KIN_SUCCESS KIN_PERM_DENIE D	Returns the name of the specified server.	Image Manager > Settings > Image Servers
IMGMANAGER SERVER SETCON- NECTION < alias server name> <SOCKET HTTP >	Input: STRING, STRING	KIN_INVALID_SER VER KIN_INVALID_PAR AM KIN_SUCCESS KIN_PERM_DENIE D	Sets the type of con- nection of the speci- fied server.	Image Manager > Settings > Image Servers

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SERVER SETEXTENSION < alias server name > <extension>	Input: STRING, STRING	KIN_ERROR KIN_INVALID_SERVER KIN_INVALID_PARAMETER KIN_SUCCESS KIN_PERM_DENIED	Sets the extension of the specified server.	Image Manager > Settings > Image Servers
IMGMANAGER SERVER SETNBRETRIES <nb retries>	Input: INT	KIN_ERROR KIN_SUCCESS KIN_PERM_DENIED KIN_PERM_DENIED	Sets the number of retries for a connection lost.	Image Manager > Settings > Image Servers
IMGMANAGER SERVER SETPORT < alias server name > <port>	Input: STRING, LONG	KIN_INVALID_SERVER KIN_INVALID_PARAMETER KIN_SUCCESS KIN_PERM_DENIED	Sets the port of the specified server.	Image Manager > Settings > Image Servers
IMGMANAGER SERVER SETSERVERNAME < alias server name > <server name>	Input: STRING, STRING	KIN_INVALID_SERVER KIN_INVALID_PARAMETER KIN_SUCCESS KIN_PERM_DENIED	Sets the name of the specified server.	Image Manager > Settings > Image Servers
IMGMANAGER SRVFILE GET (file name)	Output: STRING	KIN_ERROR KIN_INVALID_PARAMETER KIN_SUCCESS KIN_PERM_DENIED	Returns the current Image Servers file name.	Image Manager > Settings > Image Servers > File
IMGMANAGER SRVFILE NEW	NONE	KIN_ERROR KIN_SUCCESS KIN_PERM_DENIED	Create a new Image Servers file.	Image Manager > Settings > Image Servers > File

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SRVFILE OPEN [filename]	Input: [STRING]	KIN_ERROR KIN_SUCCESS KIN_PERM_DENIED	Opens the specified Image Servers file. If filename is not specified, the Select Images Servers file dialog is opened. Note: Input parameter must be given to get a valid returned error code.	Image Manager > Settings > Image Servers > File
IMGMANAGER SRVFILE SAVE	NONE	KIN_ERROR KIN_SUCCESS KIN_PERM_DENIED	Save changes to the current Image Servers file.	Image Manager > Settings > Image Servers > File
IMGMANAGER SRVFILE SAVEAS [filename]	Input: [STRING]	KIN_ERROR KIN_SUCCESS KIN_PERM_DENIED	Saves the current Image Servers file under the specified filename. If filename is not specified, the Select Image Servers File dialog is opened. Note: Input parameter must be given to get a valid returned error code.	Image Manager > Settings > Image Servers > File
GeoTIFF KeyIns				
IMG GEOTIFFDE- FAULTUNIT GET [unitLabel]	Output: STRING	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Returns the default unit used to interpret Geotiff files georeference data if no unit is defined in the geotiff geocoding tags. The value is returned as a unit label. Units label are defined in ini file. If no output parameter are specified, we display current value on screen.	

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Stamping Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMG GEOTIFFDE-FAULTUNIT SET <unitLabel>	Input: STRING	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Sets the default unit used to interpret Geotiff files georeference data if no unit is defined in the geotiff geocoding tags. Units label are defined in ini file.	
Stamping Key-ins				
IMGEDIT STAMP AUTOSETTINGS	NONE	KIN_ERROR KIN_SUCCESS	Set the Stamp Settings with the Line Weight and Style displayed at the desired Zoom magnification	Image Manager > Tools > Stamp > Automatic Stamp Vector Settings
Mosaic Key-ins				
IMGMOSA BALANCE TONE	NONE	KIN_SUCCESS	Start the Balance Tone command.	Image Manager > Tools > Mosaic

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMOSA BAL-TONE BATCHEXECUTE	NONE	KIN_ERROR KIN_SUCCESS	Execute the Balance Tone command on selected images in Image Manager. Use IMGMOSA BAL-TONE SETBATCHVIEW to specify the view into which the command will be applied. If selected mode is Average, at least two images must be selected in the specified view. If mode is Reference, at least one image must be selected, and a reference image must be specified with IMGMOSA BAL-TONE SETBATCHREFIMG.	Unavailable in the graphical interface
IMGMOSA BAL-TONE GETAVERAGEAREA (Area)	Output: STRING	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Get current source area for "average" mode. (Area = ALL OVERLAP)	Image Manager > Tools > Mosaic
IMGMOSA BAL-TONE GETBATCHREFIMG (ImageName)	Output: STRING	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Get the name of the reference image set with IMGMOSA BAL-TONE SETBATCHREFIMG.	Unavailable in the graphical interface
IMGMOSA BAL-TONE GETBATCHREFVIEW (View)	Output: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Get the view that was set with IMG-MOSA BAL-TONE SETBATCHREFVIEW	Unavailable in the graphical interface
IMGMOSA BAL-TONE GETBATCHVIEW (View)	Output: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Get the view that was set with IMG-MOSA BAL-TONE SETBATCHVIEW	Unavailable in the graphical interface

MicroStation Descartes Key-in Tables

Mosaic Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMOsa BAL-TONE GETHISTORES (Resolution)	Output: SHORT	KIN_INVALID_PARAMETER KIN_SUCCESS	Get current image resolution used to compute histogram of an area during Balance Tone processing. (Resolution = 1, 2, 4, 8, 16, 32, 64, ...)	Unavailable in the graphical interface
IMGMOsa BAL-TONE GETMODE (Mode)	Output: STRING	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Get current mode for Balance Tone command. (Mode = AVERAGE REFERENCE)	Image Manager > Tools > Mosaic
IMGMOsa BAL-TONE GETREFERENCEAREA (RefArea)	Output: STRING	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Get current source area for "from reference" mode. (RefArea = ALL OVERLAP BLOCK ORBLOCK ELEMENT FENCE)	Image Manager > Tools > Mosaic
IMGMOsa BAL-TONE SETAVERAGEAREA < ALL OVERLAP >	Input: STRING	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Set current source area for "average" mode.	Image Manager > Tools > Mosaic
IMGMOsa BAL-TONE SETBATCHREFERENCEIMG <ImageName>	Input: STRING	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Used in conjunction with IMGMOsa BAL-TONE BATCHEXECUTE. This key-in sets the reference image for batch processing.	Unavailable in the graphical interface
IMGMOsa BAL-TONE SETBATCHREFERENCEVIEW <View>	Input: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Used in conjunction with IMGMOsa BAL-TONE BATCHEXECUTE. This key-in sets the view of the reference image for batch processing.	Unavailable in the graphical interface

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMOsa BAL-TONE SETBATCH-VIEW <View>	Input: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Used in conjunction with IMGMOsa BAL-TONE BATCHEXECUTE. This key-in sets the view into which the Balance Tone command will be applied.	Unavailable in the graphical interface
IMGMOsa BAL-TONE SETHISTORES <Resolution>	Input: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Set current image resolution used to compute histogram of an area during Balance Tone processing. (Resolution = 1, 2, 4, 8, 16, 32, 64, ...)	Unavailable in the graphical interface
IMGMOsa BAL-TONE SETMODE <AVERAGE REFERENCE >	Input: STRING	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Set current mode for Balance Tone command.	Image Manager > Tools > Mosaic
IMGMOsa BAL-TONE SETREFAREA <ALL OVERLAP BLOCK ORBLOCK ELEMENT FENCE >	Input: STRING	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Set current source area for "from reference" mode.	Image Manager > Tools > Mosaic
IMGMOsa DEFINE SEAM	NONE	KIN_SUCCESS	Start the Define Seam command.	Image Manager > Tools > Mosaic

MicroStation Descartes Key-in Tables

Mosaic Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMOSE DEF-SEAM BATCHEXECUTE	NONE	KIN_ERROR KIN_SUCCESS	Execute the Define Seam command on two selected images in Image Manager. Use IMGMOSE DEF-SEAM SETBATCHVIEW to specify the view into which the command will be applied. Exactly two images must be selected in the specified view.	Unavailable in the graphical interface
IMGMOSE DEF-SEAM GETBATCHVIEW (View)	Output: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Get the view that was set with IMGMOSE DEFSEAM SETBATCHVIEW	Unavailable in the graphical interface
IMGMOSE DEF-SEAM GETONOFFFEATHERING (Status)	Output: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Return the status of the "Feathering" toggle (Status = TRUE FALSE).	Image Manager > Tools > Mosaic
IMGMOSE DEF-SEAM GETONOFFSAVESEAM (Status)	Output: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Return the status of the "Save Seam" toggle (Status = TRUE FALSE).	Image Manager > Tools > Mosaic
IMGMOSE DEF-SEAM GETSEAMTYPE (Type)	Output: STRING	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Get current seam type for Define Seam command. (Type = QUICK USER ELEMENT)	Image Manager > Tools > Mosaic
IMGMOSE DEF-SEAM GETTRANSP (Color)	Output: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Get current "Transparent Background Color" from the Tool Settings dialog. (0 to 255)	Image Manager > Tools > Mosaic
IMGMOSE DEF-SEAM GETWIDTH (Width)	Output: DOUBLE	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Get current feathering width (in master units) from the Tool Settings dialog.	Image Manager > Tools > Mosaic

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMOSA DEF-SEAM SETBATCH-VIEW <View>	Input: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Used in conjunction with IMG MOSA DEF-SEAM BATCHEXCUTE. Use this key-in to specify the view into which the Define Seam command will be applied.	Unavailable in the graphical interface
IMGMOSA DEF-SEAM SET-OFFFEATHERING	NONE	KIN_ERROR KIN_SUCCESS	Set "Feathering" toggle to OFF.	Image Manager > Tools > Mosaic
IMGMOSA DEF-SEAM SETOFF-SAVESEAM	NONE	KIN_ERROR KIN_SUCCESS	Set "Save Seam" toggle to OFF.	Image Manager > Tools > Mosaic
IMGMOSA DEF-SEAM SETON-FEATHERING	NONE	KIN_ERROR KIN_SUCCESS	Set "Feathering" toggle to ON.	Image Manager > Tools > Mosaic
IMGMOSA DEF-SEAM SETON-SAVESEAM	NONE	KIN_ERROR KIN_SUCCESS	Set "Save Seam" toggle to ON.	Image Manager > Tools > Mosaic
IMGMOSA DEF-SEAM SETSEAM-TYPE <QUICK USER ELEMENT >	Input: STRING	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Set current seam type for Define Seam command.	Image Manager > Tools > Mosaic
IMGMOSA DEF-SEAM SETTRANSP <Color>	Input: SHORT	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Set current "Transparent Background Color" of the Tool Settings dialog. (0 to 255)	Image Manager > Tools > Mosaic
IMGMOSA DEF-SEAM SETWIDTH <Width>	Input: DOUBLE	KIN_INVALID_PARAMETER KIN_ERROR KIN_SUCCESS	Set current feathering width (in master units) of the Tool Settings dialog.	Image Manager > Tools > Mosaic

MicroStation Descartes Key-in Tables

Register Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMOSA IMG-VERSION GET (version) (subversion) (revision) (subrevision)	Output: SHORT SHORT SHORT SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the required version, subversion, revision and subrevision of Reprographics that should be used with this version of Mosaic.	
IMGMOSA TOOLMOSA CLOSE	NONE	KIN_SUCCESS	Close the Mosaic tool box.	Image Manager > Tools > Mosaic
IMGMOSA TOOLMOSA OPEN	NONE	KIN_SUCCESS	Open the Mosaic tool box.	Image Manager > Tools > Mosaic
IMGMOSA VERSION GET (version) (subversion) (revision) (subrevision)	Output: SHORT SHORT SHORT SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current version, subversion, revision and subrevision of Mosaic.	
Register Key-ins				
IMGREGISTER MODEL SETTPS	NONE	KEY_SUCCESS	Set the current transformation model to Thin Plate Spline.	Image Manager > Utilities > Register
IMGREGISTER RSPINDPIX GET (value)	Ouput: LONG	KIN_INVALID_PARAM KIN_SUCCESS	Return the dpi X of the input window.	Idem
IMGREGISTER RSPINDPIY GET (value)	Ouput: LONG	KIN_INVALID_PARAM KIN_SUCCESS	Return the dpi Y of the input window.	Idem
IMGREGISTER RSPINSCALEFACTOR GET (value)	Ouput: DOUBLE	KIN_INVALID_PARAM KIN_SUCCESS	Returns the scale factor of the input window	Image Manager > Utilities > Register > Apply > To Image > Window Input
IMGREGISTER RSPOUTDPIX GET (value)	Ouput: LONG	KIN_INVALID_PARAM KIN_SUCCESS	Returns the dpi X of the output window.	Idem

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER RSPOUTDPIX SET <value>	Input: LONG	KIN_INVALID_P AM KIN_SUCCESS	Sets the dpi X of the output window.	Idem
IMGREGISTER RSPOUTDPIY GET (value)	Ouput: LONG	KIN_INVALID_P AM KIN_SUCCESS	Returns the dpi Y of the output window.	Idem
IMGREGISTER RSPOUTDPIY SET <value>	Input: LONG	KIN_INVALID_P AM KIN_SUCCESS	Sets the dpi Y of the output window.	Idem
IMGREGISTER RSPOUTSCALE- FACTOR GET (value)	Output: DOUBLE	KIN_INVALID_P AM KIN_SUCCESS	Returns the scale factor of the output window	Image Manager > Utilities > Register > Apply> To Image > Window Output
IMGREGISTER RSPOUTSCALE- FACTOR SET <value>	Input: DOUBLE	KIN_INVALID_P AM KIN_SUCCESS	Sets the scale factor of the output window	Idem
Image Transform Key-ins				
IMGTRANSFORM IMAGE MODIFY	NONE	KIN_NOIMAGE KIN_FILE_READ_ ONLY KIN_SUCCESS	Start the Modify Image command.	Image Manager > Tools > Image Transform
IMGTRANSFORM MODIFY GETAFFINITY (value)	Output: DOUBLE	KIN_INVALID_P AM KIN_SUCCESS	Return the affinity angle.	Image Manager > Tools > Image Transform
IMGTRANSFORM MODIFY GETD- PIX (value)	Ouput: LONG	KIN_INVALID_P AM KIN_SUCCESS KIN_PERM_DENIE D	Return the dpi about the X-axis.	Image Manager > Tools > Image Transform
IMGTRANSFORM MODIFY GETD- PIY (value)	Ouput: LONG	KIN_INVALID_P AM KIN_SUCCESS KIN_PERM_DENIE D	Return the dpi about the Y-axis.	Image Manager > Tools > Image Transform

MicroStation Descartes Key-in Tables

Image Transform Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTRANSFORM MODIFY GET- LOCKPIXELSIZE (State)	Output: SHORT	KIN_INVALID_P AM KIN_SUCCESS	Returns the status of the locking option for the pixel size and dpi.	Image Manager > Tools > Image Transform
IMGTRANSFORM MODIFY GET- ORIGINX (value)	Ouput: STRING	KIN_INVALID_P AM KIN_SUCCESS	Return the abscissa of the image origin, In Working units (ex: 1:150.000) .	Image Manager > Tools > Image Transform
IMGTRANSFORM MODIFY GET- ORIGINY (value)	Ouput: DOUBLE	KIN_INVALID_P AM KIN_SUCCESS	Return the ordinate of the image origin.	Image Manager > Tools > Image Transform
IMGTRANSFORM MODIFY GETPIX- ELSIZEX (value)	Ouput: STRING	KIN_INVALID_P AM KIN_SUCCESS	Return the pixel width of the image, in Working units (ex: 1:150.000)	Image Manager > Tools > Image Transform
IMGTRANSFORM MODIFY GETPIX- ELSIZEY (value)	Ouput: STRING	KIN_INVALID_P AM KIN_SUCCESS	Return the pixel height of the image, in Working units (ex: 1:150.000)	Image Manager > Tools > Image Transform
IMGTRANSFORM MODIFY GETRO- TATION (value)	Ouput: DOUBLE	KIN_INVALID_P AM KIN_SUCCESS	Return the rotation angle.	Image Manager > Tools > Image Transform
IMGTRANSFORM MODIFY GETSCALEFAC- TOR (value)	Ouput: DOUBLE	KIN_INVALID_P AM KIN_SUCCESS KIN_PERM_DENIE D	Return the scale factor.	Image Manager > Tools > Image Transform
IMGTRANSFORM MODIFY SET- AFFINITY <value>	Input: DOUBLE	KIN_INVALID_P AM KIN_SUCCESS KIN_PERM_DENIE D	Set the affinity angle.	Image Manager > Tools > Image Transform
IMGTRANSFORM MODIFY SETD- PIX <value>	Input: LONG	KIN_INVALID_P AM KIN_SUCCESS KIN_PERM_DENIE D	Set the dpi about the X-axis.	Image Manager > Tools > Image Transform

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTRANSFORM MODIFY SETD- PIY <value>	Input: LONG	KIN_INVALID_P AM KIN_SUCCESS KIN_PERM_DENIE D	Set the dpi about the Y-axis.	Image Manager > Tools > Image Trans- form
IMGTRANSFORM MODIFY SET- LOCKPIXEL- SIZEOFF	NONE	KIN_SUCCESS	Sets the locking option of pixel size and dpi to OFF.	Image Manager > Tools > Image Trans- form
IMGTRANSFORM MODIFY SET- LOCKPIXEL- SIZEON	NONE	KIN_SUCCESS	Sets the locking option of pixel size and dpi to ON.	Image Manager > Tools > Image Trans- form
IMGTRANSFORM MODIFY SET- ORIGINX <value>	Input: STRING	KIN_INVALID_P AM KIN_SUCCESS KIN_PERM_DENIE D	Set the abscissa of the image origin. value is in Working units (ex: 1:150.000).	Image Manager > Tools > Image Trans- form
IMGTRANSFORM MODIFY SET- ORIGINY <value>	Input: STRING	KIN_INVALID_P AM KIN_SUCCESS KIN_PERM_DENIE D	Set the ordinate of the image origin. value is in Working units (ex: 1:150.000)	Image Manager > Tools > Image Trans- form
IMGTRANSFORM MODIFY SETPIX- ELSIZEX <value>	Input: DOUBLE	KIN_INVALID_P AM KIN_SUCCESS KIN_PERM_DENIE D	Set the pixel width of the image.	Image Manager > Tools > Image Trans- form
IMGTRANSFORM MODIFY SETPIX- ELSIZEY <value>	Input: DOUBLE	KIN_INVALID_P AM KIN_SUCCESS KIN_PERM_DENIE D	Set the pixel height of the image.	Image Manager > Tools > Image Trans- form
IMGTRANSFORM MODIFY SETRO- TATION <value>	Input: DOUBLE	KIN_INVALID_P AM KIN_SUCCESS KIN_PERM_DENIE D	Set the rotation angle.	Image Manager > Tools > Image Trans- form
IMGTRANSFORM MODIFY SET- SCALEFACTOR <value>	Input: DOUBLE	KIN_INVALID_P AM KIN_SUCCESS KIN_PERM_DENIE D	Set the scale factor.	Image Manager > Tools > Image Trans- form

MicroStation Descartes Key-in Tables

Theme Styler Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTRANSFORM NEWIMAGE GET (State)	Output: SHORT	KIN_INVALID_P AM KIN_SUCCESS	Returns the current status of the "Create a new image" toggle (ON/OFF) used by the Image Transform tools.	Image Manager > Tools > Image Transform
IMGTRANSFORM NEWIMAGE SETON	NONE	KIN_ERROR KIN_SUCCESS	Sets the current status of the "Create a New Image" toggle to ON.	Image Manager > Tools > Image Transform
IMGTRANSFORM NEWIMAGE SET- OFF	NONE	KIN_ERROR KIN_SUCCESS	Sets the current status of the "Create a New Image" toggle to OFF.	Image Manager > Tools > Image Transform
Theme Styler Key-ins				
IMGTHEME THEME GETNUM- BERBYDGN <file number> <file position> (theme number)	Input: SHORT, LONG Output: LONG	KIN_ERROR KIN_INVALID_TH EME KIN_INVALID_P AM KIN_SUCCESS	Return the theme number of the specified DGN element.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME SETNUM- BERBYDGN <file number> <file position> <theme number>	Input: SHORT, LONG, LONG	KIN_ERROR KIN_INVALID_TH EME KIN_INVALID_P AM KIN_SUCCESS	Set the theme number of the specified DGN element.	Image Manager > Utilities > Theme Styler
Vectorize Key-ins				
IMGVECTORIZE AUTOSETERASER- COLOR GET	Output: SHORT	KIN_INVALID_P AM KIN_SUCCESS	Return the current status of the "Auto Set Eraser Color" toggle (ON/OFF) used by the Vectorize tools.	Image Manager > Tools > Vectorize

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE AUTOSETERASER- COLOR SETOFF	NONE	KIN_SUCCESS	Set the current status of the "Auto Set Eraser Color" toggle to OFF.	Image Manager > Tools > Vectorize
IMGVECTORIZE AUTOSETERASER- COLOR SETON	NONE	KIN_SUCCESS	Set the current status of the "Auto Set Eraser Color" toggle to ON.	Image Manager > Tools > Vectorize
IMGVECTORIZE COL- ORIMGERASER- COLOR GET	Ouput: STRING	KIN_SUCCESS	Gets the Eraser Color for a Color Image..	Image Manager > Tools > Vectorize
IMGVECTORIZE COL- ORIMGERASER- COLOR SET	Input: STRING	KIN_SUCCESS	Sets the Eraser Color for a Color Image..	Image Manager > Tools > Vectorize
IMGVECTORIZE ERASERASTER GET	Output: SHORT	KIN_INVALID_PAR AM KIN_SUCCESS	Return the current status of the "Erase Raster" toggle (ON/OFF) used by the Vectorize tools.	Image Manager > Tools > Vectorize
IMGVECTORIZE ERASERASTER SETOFF	NONE	KIN_SUCCESS	Set the current status of the "Erase Raster" toggle to OFF.	Image Manager > Tools > Vectorize
IMGVECTORIZE ERASERASTER SETON	NONE	KIN_SUCCESS	Set the current status of the "Erase Raster" toggle to ON.	Image Manager > Tools > Vectorize
IMGVECTORIZE GENERATEVEC- TOR GET	Output: SHORT	KIN_INVALID_PAR AM KIN_SUCCESS	Return the current status of the "Generate Vector" toggle (ON/OFF) used by the Vectorize tools.	
IMGVECTORIZE GENERATEVEC- TOR SETOFF	NONE	KIN_SUCCESS	Set the current status of the "Generate Vector" toggle to OFF.	

MicroStation Descartes Key-in Tables

Vectorize Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE GENERATEVECTOR SETON	NONE	KIN_SUCCESS	Set the current status of the "Generate Vector" toggle to ON.	
IMGVECTORIZE PLACEELMT SET-AUTORESTORE- MODE	NONE	KIN_SUCCESS	Back up current tool settings toggles and restore them at the end of Place Element command.	

MicroStation Descartes Key-ins

Project Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMG APPLICATION EXIT	NONE	KIN_SUCCESS	Unloads Descartes.	Image Manager> File > Exit
IMG AUTOSAVE GET	Output: SHORT	KIN_ERROR KIN_SUCCESS	Returns the status (ON/OFF) of the Auto Save and Attach feature.	Image Manager> Settings > Project > Auto Save and Attach
IMG AUTOSAVE SETOFF	NONE	KIN_SUCCESS	Sets the status of the Auto Save and Attach feature to OFF.	Image Manager> Settings > Project > Auto Save and Attach
IMG AUTOSAVE SETON	NONE	KIN_SUCCESS	Sets the status of the Auto Save and Attach feature to ON.	Image Manager> Settings > Project > Auto Save and Attach
IMG AUTOSAVE TOGGLE	NONE	KIN_SUCCESS	Toggles the status of the Auto Save and Attach feature.	Image Manager> Settings > Project > Auto Save and Attach
IMG DLGABOUT OPEN	NONE	KIN_SUCCESS KIN_ERROR	Opens the "About Descartes" dialog.	Image Manager> Help > About Descartes...
IMG DLGHELP OPEN	NONE	KIN_SUCCESS KIN_ERROR	Opens the Help dialog of Descartes.	Image Manager> Help > Contents

MicroStation Descartes Key-in Tables

Project Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMG DLGPROJECT CLOSE	NONE	KIN_SUCCESS	Closes the Project Settings dialog.	Image Manager> Settings > Project
IMG DLGPROJECT OPEN	NONE	KIN_SUCCESS	Opens the Project Settings dialog.	Image Manager> Settings > Project
IMG FULLPATH SETOFF	NONE	KIN_SUCCESS	Sets the status of the Save Full Path feature to OFF.	Image Manager> Settings > Project > Save Full Path
IMG FULLPATH SETON	NONE	KIN_SUCCESS	Sets the status of the Save Full Path feature to ON.	Image Manager> Settings > Project > Save Full Path
IMG FULLPATH TOGGLE	NONE	KIN_SUCCESS	Toggles the status of the Save Full Path feature.	Image Manager> Settings > Project > Save Full Path
IMG FULLPATH GET (status)	Output: SHORT	KIN_ERROR KIN_SUCCESS	Returns the status (ON/OFF) of the Save Full Path feature.	Image Manager> Settings > Project > Save Full Path
IMG LANGUAGE GET (language)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the first letter of the currently language set.	
IMG MAINVERSION GET (version) (sub-version) (revision) (subrevision) [(flavor)]	Output: SHORT SHORT SHORT SHORT [STRING]	KIN_INVALID_PARAM KIN_SUCCESS	Returns the current Descartes version, sub-version, revision, sub-version and if desired the flavor.	
IMG METERSPERUOR GET (factor)	Output: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the number of meters per units of resolution.	
IMG PROJECT ATTACH	NONE	KIN_ERROR KIN_SUCCESS	Saves and attach the current project to the Master Design File.	Image Manager> File > Project > Attach

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMG PROJECT DETACH	NONE	KIN_ERROR KIN_SUCCESS	Detach any Descartes project file from the Master Design File.	Image Manager> File > Project > Detach
IMG PROJECT EXPORTRASTER-REF	NONE	KIN_ERROR KIN_SUCCESS	Detach all Images from the Image Manager list and attach them as raster reference to the current design file.	Image Manager> File > Project > Export Raster Reference
IMG PROJECT GET (name)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the name of the current project. If no project is opened the answer is "NONE".	
IMG PROJECT GETKEEPCURRENT	NONE	KIN_SUCCESS	Gets the status of the option for keeping the current project open when changing to a new design file that does not have any project attached.	
IMG PROJECT IMPORTRASTERREF	NONE	KIN_ERROR KIN_SUCCESS	Detach all raster reference attachments from the current design file and attach them to the Image Manager list.-	Image Manager> File > Project > Import Raster Reference
IMG PROJECT NEW	NONE	KIN_SUCCESS	Creates a new project with default settings.	Image Manager> File > Project > New
IMG PROJECT OPEN [filename]	Input: [STRING]	KIN_FILE_NOT_FOUND KIN_SUCCESS	Opens the specified project or open the file selector dialog if no file name is given.	Image Manager> File > Project > Open
IMG PROJECT SAVE	NONE	KIN_ERROR KIN_SUCCESS	Saves the current project.	Image Manager> File > Project > Save

MicroStation Descartes Key-in Tables

Project Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMG PROJECT SAVEAS [filename]	Input: [STRING]	KIN_FILE_EXIST KIN_ERROR KIN_SUCCESS	Saves the current project under the specified name or opens the file creation dialog if no file name is given. Note: Input Parameters must be given to get a valid returned error code.	Image Manager> File > Project > Save As
IMG PROJECT SET-KEEPCURRENTOFF	NONE	KIN_SUCCESS	Sets to OFF the option of keeping the current project open when no project is attached to the new design file.	
IMG PROJECT SET-KEEPCURRENTON	NONE	KIN_SUCCESS	Sets to ON the option of keeping the current project open when no project is attached to the new design file.	
IMG TOOLCNV-TOVECTOR CLOSE	NONE	KIN_SUCCESS	Closes the Convert To Vector tool frame.	Image Manager> Tools > Convert To Vector
IMG TOOLCNV-TOVECTOR OPEN	NONE	KIN_SUCCESS	Opens the Convert To Vector tool frame.	Image Manager> Tools > Convert To Vector
IMG TOOLEDIT CLOSE	NONE	KIN_SUCCESS	Closes the Edit tool frame.	Image Manager> Tools > Edit
IMG TOOLEDIT OPEN	NONE	KIN_SUCCESS	Opens the Edit tool frame.	Image Manager> Tools > Edit
IMG TOOLMAIN CLOSE	NONE	KIN_SUCCESS	Closes the Image Main tool frame.	Image Manager> Tools > Image Main

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMG TOOLMAIN OPEN	NONE	KIN_SUCCESS	Opens the Image Main tool frame.	Image Manager> Tools > Image Main
IMG TOOLPREPARE CLOSE	NONE	KIN_SUCCESS	Closes the Prepare tool frame.	Image Manager> Tools > Prepare
IMG TOOLPREPARE OPEN	NONE	KIN_SUCCESS	Opens the Prepare tool frame.	Image Manager> Tools > Prepare

Image Edit Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT CHANNELS APPLY	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_ERROR KIN_SUCCESS	Saves color table changes to the active image.	Image Manager> Utilities > Image Channels> File > Apply
IMGEDIT CHANNELS DEFAULT	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Resets all settings of Image Channels to default values.	Image Manager> Utilities > Image Channels
IMGEDIT CHANNELS DONE	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_ERROR KIN_SUCCESS	Save changes to the Color table of the active image.	Image Manager> Utilities > Image Channels
IMGEDIT CHANNELS GETBLUE (state)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Image Blue channel status.	Image Manager> Utilities > Image Channels
IMGEDIT CHANNELS GETGREEN (state)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Image Green channel status.	Image Manager> Utilities > Image Channels
IMGEDIT CHANNELS GETMODE (mode)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current coloring mode (COLOR or GRAY).	Image Manager> Utilities > Image Channels
IMGEDIT CHANNELS GETPOLARITY (polarity)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current coloring Polarity (POSITIVE or NEGATIVE).	Image Manager> Utilities > Image Channels
IMGEDIT CHANNELS GETRED (state)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Image Red channel status.	Image Manager> Utilities > Image Channels

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT CHANNELS LOAD [filename]	Input: [STRING]	KIN_NOIMAGE KIN_FILE_NOT_FOUND KIN_ERROR KIN_SUCCESS	Loads the specified color table. If filename is not specified, the Load Palette dialog opens. Note: Input parameter must be given to get a valid returned error code.	Image Manager> Utilities > Image Channels > File > Load Color Table
IMGEDIT CHANNELS SAVEAS [filename]	Input: [STRING]	KIN_NOIMAGE KIN_INVALID_PARAM KIN_FILE_EXIST KIN_ERROR KIN_SUCCESS	Saves the current color table in the specified file. If filename is not specified, the Save Palette dialog opens. Note: Input parameter must be given to get a valid returned error code.	Image Manager> Utilities > Image Channels> File > Save As
IMGEDIT CHANNELS SETCOLOR-MODE	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the coloring mode to COLOR.	Image Manager> Utilities > Image Channels
IMGEDIT CHANNELS SETGRAY-MODE	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the coloring mode to GRAYSCALE.	Image Manager> Utilities > Image Channels
IMGEDIT CHANNELS SETNEG-POLARITY	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the coloring Polarity to NEGATIVE.	Image Manager> Utilities > Image Channels
IMGEDIT CHANNELS SETOFFBLUE	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the Image Blue channel status to OFF.	Image Manager> Utilities > Image Channels
IMGEDIT CHANNELS SETOFFGREEN	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the Image Green channel status to OFF.	Image Manager> Utilities > Image Channels
IMGEDIT CHANNELS SETOFFRED	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the Image Red channel status to OFF.	Image Manager> Utilities > Image Channels

MicroStation Descartes Key-in Tables

Image Edit Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT CHANNELS SETONBLUE	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the Image Blue channel status to ON.	Image Manager> Utilities > Image Channels
IMGEDIT CHANNELS SETONGREEN	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the Image Green channel status to ON.	Image Manager> Utilities > Image Channels
IMGEDIT CHANNELS SETONRED	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the Image Red channel status to ON.	Image Manager> Utilities > Image Channels
IMGEDIT CHANNELS SETPOLARITY	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the coloring Polarity to POSITIVE.	Image Manager> Utilities > Image Channels
IMGEDIT CLEANUP GETAREA	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Get the current area type for Clean Up.	Image Manager> Tools > Clean Up
IMGEDIT CLEANUP GETAREAOBJFILTER	Output: STRING	KIN_ERROR KIN_SUCCESS	Returns the Raster Object filter name. If the image is 1bit, possible filter names are foreground and background.	Image Manager> Tools > Clean Up
IMGEDIT CLEANUP GETCOLOR	Output: LONG	KIN_ERROR KIN_SUCCESS	Returns the current color. Color indexes range from 0 to 255, Only available with 8 bit image.	Image Manager> Tools > Clean Up
IMGEDIT CLEANUP GETFILTER	Output: STRING	KIN_ERROR KIN_SUCCESS	Returns the current filter name.	Image Manager> Tools > Clean Up
IMGEDIT CLEANUP GETPIXELSIZE (pixels)	Output: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current speckle size in pixels.	Image Manager> Tools > Clean Up

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT CLEANUP HOLE	NONE	KIN_NOIMAGE KIN_INVALID_SETTING KIN_ERROR KIN_SUCCESS	Apply hole removal to the selected area.	Image Manager> Tools > Clean Up
IMGEDIT CLEANUP SETAREA <BLOCK ELEMENT FENCE IMAGE >	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the area to the specified one Block.	Image Manager> Tools > Clean Up
IMGEDIT CLEANUP SETAREAOBJFILTER <filterName>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the Raster Object filter. If the image is 1bit, possible filter names are foreground and background.	Image Manager> Tools > Clean Up
IMGEDIT CLEANUP SETCOLOR <colorIndex>	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the current color index used for erasing. Value ranges from 0 to 255.	Image Manager> Tools > Clean Up
IMGEDIT CLEANUP SETFILTER <filterName>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the filter name used by the Clean Up tools.	Image Manager> Tools > Clean Up
IMGEDIT CLEANUP SETPIXELSIZE <pixels>	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the speckle size in pixels.	Image Manager> Tools > Clean Up
IMGEDIT CLEANUP SPECKLE	NONE	KIN_NOIMAGE KIN_INVALID_SETTING KIN_ERROR KIN_SUCCESS	Removes speckles in the selected area.	Image Manager> Tools > Clean Up
IMGEDIT COMPRESSION GETBLUE (filename)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Blue Channel Input file name. If no filename was set, the returned value is "NONE".	Image Manager> Utilities > Color Compression

MicroStation Descartes Key-in Tables

Image Edit Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT COMPRESSION GETCOLORS (count)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current number of colors for the compression setup.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION GETCOLWEIGHT (state)	Output: SHORT	KIN_INVALID_SETTING KIN_ERROR KIN_SUCCESS	Returns the status of the Use Color as Weight option. The status is ON or OFF.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION GETCOMPFILE (filename)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current color compression file name. If no filename was set, the returned value is "NONE".	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION GETCURRENTSEL (state)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the status of the Use Current Selection option. The status is ON or OFF.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION GETDATACOMP (mode)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the output Data Compression mode. Modes are NONE or DEFLATE.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION GETGREEN (filename)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Green Channel Input file name. If no file name was set, the returned value is "NONE".	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION GETINFILE (filename)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Palette Input file name. If no file name was set the returned value, is "NONE".	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION GETMODE (mode)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current compression mode for the compression setup. Modes are CUSTOM, USESTD (Use Standard) or CREATESTD (Create standard).	Image Manager> Utilities > Color Compression

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT COMPRESSION GETOUTFILE (filename)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Output file name. If no file name was set, the returned value is "NONE".	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION GETRED (filename)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Red Channel Input file name. If no file name was set, the returned value is "NONE".	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION GETTYPE (typename)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current Input Type (RGB or PALETTE).	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION RESET	NONE	KIN_ERROR KIN_SUCCESS	Reset color compression settings to default values.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION RUN	NONE	KIN_MISSING_SETTINGS KIN_NEED_INTERACTION KIN_ERROR KIN_SUCCESS	Executes the color compression with the current settings.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION SETBLUE <filename>	Input: STRING	KIN_INVALID_PARAM KIN_INVALID_SETTINGS KIN_FILE_NOT_FOUND KIN_INVALID_FILENAME KIN_ERROR KIN_SUCCESS	Sets the Blue Channel Input file when Input Type is RGB. If Input Type is Palette, KIN_INVALID_SETTINGS is returned.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION SETCOLORS <count>	Input: SHORT	KIN_INVALID_PARAM KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Sets the number of colors for the compression setup. Available only if the compression mode is CUSTOM or CREATED. Default: CUSTOM.	Image Manager> Utilities > Color Compression

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Image Edit Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT COMPRESSION SETCOMPFILE <filename>	Input: STRING	KIN_INVALID_PARAM KIN_INVALID_SETTING KIN_ERROR KIN_SUCCESS	Sets the color compression file name. Available if the compression mode is USESTD or CREATESTD. Default: USESTD.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION SETDATAComp <NONE DEFLATE>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the output Data Compression option to NONE or DEFLATE.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION SETGREEN <filename>	Input: STRING	KIN_INVALID_PARAM KIN_INVALID_SETTING KIN_FILE_NOT_FOUND KIN_INVALID_FILENAME KIN_ERROR KIN_SUCCESS	Sets the Green Channel Input file name when Input Type is RGB. If Input Type is Palette, KIN_INVALID_SETTING is returned.	Image Manager> Utilities > Color Compression Green:
IMGEDIT COMPRESSION SETINFILE <filename>	Input: STRING	KIN_INVALID_PARAM KIN_INVALID_SETTING KIN_FILE_NOT_FOUND KIN_INVALID_FILENAME KIN_ERROR KIN_SUCCESS	Sets the Input file name when Input Type is Palette. If Input Type is RGB, KIN_INVALID_SETTING is returned.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION SETMODE <CUSTOM USESTD CREATESTD>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the color compression mode for the compression setup. Modes are CUSTOM, USESTD (Use Standard) or CREATESTD (Create standard).	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION SETOFFCOLORWEIGHT	NONE	KIN_INVALID_SETTING KIN_ERROR KIN_SUCCESS	Sets the Use Color as Weight to OFF. If Use Current Selection is Off, KIN_INVALID_SETTING is returned.	Image Manager> Utilities > Color Compression

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT COMPRESSION SETOFFCURRENTSEL	NONE	KIN_ERROR KIN_SUCCESS	Sets the Use Current Selection to OFF.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION SETONCOLWEIGHT	NONE	KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Sets the Use Color as Weight to ON. If Use Current Selection is Off, KIN_INVALID_SETTINGS is returned.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION SETONCURRENTSEL	NONE	KIN_ERROR KIN_SUCCESS	Sets the Use Current Selection to ON.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION SETOUTFILE <filename>	Input: STRING	KIN_INVALID_PARAM KIN_FILE_EXIST KIN_ERROR KIN_SUCCESS	Sets the Output Filename.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION SETPALETTE-TYPE	NONE	KIN_ERROR KIN_SUCCESS	Sets the Input Type to Palette.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION SETRED <filename>	Input: STRING	KIN_INVALID_PARAM KIN_INVALID_SETTINGS KIN_FILE_NOT_FOUND KIN_INVALID_FILENAME KIN_ERROR KIN_SUCCESS	Sets the Red Channel Input Filename. If Input Type is Palette, KIN_INVALID_SETTINGS is returned.	Image Manager> Utilities > Color Compression
IMGEDIT COMPRESSION SETRGBTYPE	NONE	KIN_ERROR KIN_SUCCESS	Sets the Input Type option to RGB.	Image Manager> Utilities > Color Compression
IMGEDIT CONTRAST APPLY	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_ERROR KIN_SUCCESS	Saves color table changes to the active image.	Image Manager> Utilities > Contrast Stretch> File > Apply

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Image Edit Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT CONTRAST SAVEAS [filename]	Input: [STRING]	KIN_NOIMAGE KIN_INVALID_PARAM KIN_FILE_EXIST KIN_ERROR KIN_SUCCESS	Saves the current color table in the specified file. If filename is not specified, the Save Palette dialog opens. Note: Input parameter must be given to get a valid returned error code.	Image Manager> Utilities > Contrast Stretch> File > Save As
IMGEDIT CONTRAST STRETCH DONE	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_ERROR KIN_SUCCESS	Saves changes made with the contrast stretch to the color table of the active image.	Image Manager> Utilities > Contrast Stretch
IMGEDIT CONTRAST STRETCH GET-EXONENT (exponent)	Output: DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the exponent of the Contrast Stretch curve.	Image Manager> Utilities > Contrast Stretch
IMGEDIT CONTRAST STRETCH GETHIGH-SCALELIMIT (value)	Output: DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current maximum vertical scale limit.	Image Manager> Utilities > Contrast Stretch> View > Vertical Scale
IMGEDIT CONTRAST STRETCH GETLOWSCALELIMIT (value)	Output: DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current minimum vertical scale limit.	Image Manager> Utilities > Contrast Stretch> View > Vertical Scale
IMGEDIT CONTRAST STRETCH GETMAX (index)	Output: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current maximum index.	Image Manager> Utilities > Contrast Stretch
IMGEDIT CONTRAST STRETCH GETMIN (index)	Output: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current minimum index.	Image Manager> Utilities > Contrast Stretch

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT CONT-STRETCH GET-NEGATIVE (state)	Output: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the status of the Negative function (ON or OFF).	Image Manager> Utilities > Contrast Stretch
IMGEDIT CONT-STRETCH RESET	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Resets the default settings of the Contrast Stretch function.	Image Manager> Utilities > Contrast Stretch
IMGEDIT CONT-STRETCH SETEXPONENT <exponent>	Input: DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the exponent of the Contrast Stretch curve. Exponent value ranges from 0 to 9.99.	Image Manager> Utilities > Contrast Stretch
IMGEDIT CONT-STRETCH SETHIGH-SCALELIMIT <value>	Input: DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the maximum vertical scale limit. Value ranges from 0 to 99.9.	Image Manager> Utilities > Contrast Stretch> View > Vertical Scale
IMGEDIT CONT-STRETCH SETLOWSCALELIMIT <value>	Input: DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the minimum vertical scale limit. Value ranges from 0 to 99.9.	Image Manager> Utilities > Contrast Stretch> View > Vertical Scale
IMGEDIT CONT-STRETCH SETMAX <index>	Input: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the maximum index for the Contrast Stretch.	Image Manager> Utilities > Contrast Stretch
IMGEDIT CONT-STRETCH SETMIN <index>	Input: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the minimum index for the Contrast Stretch.	Image Manager> Utilities > Contrast Stretch
IMGEDIT CONT-STRETCH SETOFF-NEGATIVE	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the status of the Negative function to OFF.	Image Manager> Utilities > Contrast Stretch
IMGEDIT CONT-STRETCH SETON-NEGATIVE	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the status of the Negative function to ON.	Image Manager> Utilities > Contrast Stretch

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Image Edit Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT COPY AREA	NONE	KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Starts the Copy Area tool.	Image Manager> Tools > Copy/Paste
IMGEDIT COPY GETAREA (area)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Get the current area selected in the tool settings dialog.	Raster Transform (Tool Setting)
IMGEDIT COPY GETAREAOBJFILTER	Output: STRING	KIN_ERROR KIN_SUCCESS	Get the filter name used by the Raster Object option for the current area. Note: For 2 color images, foreground and background are offered.	Image Manager > Tools > Copy/Paste > Copy > Tool Settings
IMGEDIT COPY GETFILTER	Output: STRING	KIN_ERROR KIN_SUCCESS	Get the current filter for the Copy/Paste tools.	Image Manager > Tools > Copy/Paste > Tool Settings
IMGEDIT COPY GETRESOLUTION (resolution)	Output: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the copy/paste resolution value.	Image Manager> Settings > Copy/Paste
IMGEDIT COPY GET-TYPERESOLUTION (type)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current copy/paste resolution type (FILE or SCREEN).	Image Manager> Settings > Copy/Paste
IMGEDIT COPY SETAREA < BLOCK FENCE ELEMENT IMAGE RASTEROBJECT>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the area in the tool setting.	Image Manager > Tools > Copy/Paste > Tool Settings
IMGEDIT COPY SETAREAOBJFILTER <filterName>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the filter name used by the Raster Object option for the current area. Note: For 2 color images, foreground and background are offered.	Image Manager > Tools > Copy/Paste > Tool Settings

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT COPY SET-FILERESOLUTION	NONE	KIN_ERROR KIN_SUCCESS	Sets the copy/paste resolution type to File.	Image Manager> Settings > Copy/Paste
IMGEDIT COPY SETFILTER <filterName>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the filter name used by the Copy/Paste tools.	Image Manager > Tools > Copy/Paste > Tool Settings
IMGEDIT COPY SET-RESOLUTION <Resolution>	Input: LONG	KIN_INVALID_PARAM KIN_INVALID_SETTING KIN_ERROR KIN_SUCCESS	Sets the copy/paste resolution to the specified value.	Image Manager> Settings > Copy/Paste
IMGEDIT COPY SET-SCREENRESOLUTION	NONE	KIN_ERROR KIN_SUCCESS	Sets the copy/paste resolution type to Screen.	Image Manager> Settings > Copy/Paste
IMGEDIT DENSITY DONE	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_ERROR KIN_SUCCESS	Saves changes made with the density slicing function to the color table of the active image.	Image Manager> Utilities > Density Slicing
IMGEDIT DENSITY GETHIGHSCALELIMIT (value)	Output: DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the maximum vertical scale limit.	Image Manager> Utilities > Density Slicing > View > Vertical Scale
IMGEDIT DENSITY GETLOWSCALELIMIT (value)	Output: DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current minimum vertical scale limit.	Image Manager> Utilities > Density Slicing > View > Vertical Scale
IMGEDIT DENSITY GETMAX (index)	Output: SHORT	KIN_INVALID_PARAM KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Returns the maximum index.	Image Manager> Utilities > Density Slicing

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Image Edit Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT DENSITY GETMIN (index)	Output: SHORT	KIN_INVALID_PARAM KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Returns the minimum index.	Image Manager> Utilities > Density Slicing
IMGEDIT DENSITY GETWIDTH (width)	Output: SHORT	KIN_INVALID_PARAM KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Returns the width of the slice.	Image Manager> Utilities > Density Slicing
IMGEDIT DENSITY RESET	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Resets the default settings of the Density Slicing function.	Image Manager> Utilities > Density Slicing
IMGEDIT DENSITY SETHIGHSCALE- LIMIT <value>	Input: DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the maximum vertical scale limit	Image Manager> Utilities > Density Slicing > View > Vertical Scale
IMGEDIT DENSITY SETLOWSCALELIMIT <value>	Input: DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the minimum vertical scale limit.	Image Manager> Utilities > Density Slicing > View > Vertical Scale
IMGEDIT DENSITY SETMAX <index>	Input: SHORT	KIN_INVALID_PARAM KIN_NOIMAGE KIN+ERROR KIN_SUCCESS	Sets the maximum index. Value ranges from 0 to 255.	Image Manager> Utilities > Density Slicing
IMGEDIT DENSITY SETMIN <index>	Input: SHORT	KIN_INVALID_PARAM KIN_NOIMAGE KIN+ERROR KIN_SUCCESS	Sets the minimum index. Value ranges from 0 to 255.	Image Manager> Utilities > Density Slicing
IMGEDIT DENSITY SETWIDTH <width>	Input: SHORT	KIN_INVALID_PARAM KIN_NOIMAGE KIN+ERROR KIN_SUCCESS	Sets the width of the slice. Width value ranges from 1 to 255.	Image Manager> Utilities > Density Slicing
IMGEDIT DLGCHAN- NELS OPEN	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Opens the Image Channels dialog.	Image Manager> Utilities > Image Channels

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT DLGCOMPRESSION OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Color Compression dialog.	Image Manager> Utilities > Color Compression
IMGEDIT DLGCONTRAST OPEN	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Opens the Contrast Stretch dialog.	Image Manager> Utilities > Contrast Stretch
IMGEDIT DLGCOPY-SETTINGS OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the copy/paste settings dialog.	Image Manager> Settings > Copy/Paste
IMGEDIT DLGDENSITY OPEN	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Opens the Density Slicing dialog.	Image Manager> Utilities > Density Slicing
IMGEDIT DLGDRAWSETTING OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Draw Settings dialog.	Image Manager> Settings > Draw
IMGEDIT DLGFILTER CLOSE	NONE	KIN_SUCCESS	Closes the Color Filter dialog.	Image Manager> Utilities > Color Filter
IMGEDIT DLGFILTER OPEN	NONE	PERM_ERROR KIN_NOIMAGE KIN_INVALID_IMAGE_TYPE KIN_SUCCESS	Opens the Color Filter dialog.	Image Manager> Utilities > Color Filter
IMGEDIT DLGHISTOGRAM OPEN	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Opens the Histogram dialog.	Image Manager > File > Properties > Histogram
IMGEDIT DLGPALEEDIT OPEN	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Opens the Color Table Editor dialog.	Image Manager > File > Properties > Color Table

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Image Edit Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT DLGDRAWSETTING CLOSE	NONE	KIN_SUCCES	Closes the Raster Snap on Tentative dialog.	Image Manager > Settings > Raster Snap on Tentative
IMGEDIT DLGTRSLUCENT CLOSE	NONE	KIN_SUCCESS	Closes the Translucent Colors dialog.	Image Manager> Utilities > Translucent Colors
IMGEDIT DLGTRSLUCENT OPEN	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Opens the Translucent Colors dialog.	Image Manager> Utilities > Translucent Colors
IMGEDIT DLGTRSPARENT CLOSE	NONE	KIN_SUCCESS	Closes the Transparent Colors dialog.	Image Manager> Utilities > Transparent Colors
IMGEDIT DLGTRSPARENT OPEN	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Opens the Transparent Colors dialog.	Image Manager> Utilities > Transparent Colors
IMGEDIT DLGUNDOSETTINGS OPEN	NONE	KIN+ERROR KIN_SUCCESS	Opens the Undo/Redo settings dialog.	Image Manager> Settings > Undo/Redo
IMGEDIT DRAWSETTING GETFILTER (FilterName)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the name of the selected filter.	Image Manager > Settings > Raster Snap on Tentative
IMGEDIT DRAWSETTING GETRASTERSNAP (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the status (ON/OFF) of the Raster Snap toggle.	Image Manager > Settings > Raster Snap on Tentative
IMGEDIT DRAWSETTING SETFILTER <FilterName>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the filter name.	Image Manager > Settings > Raster Snap on Tentative

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT DRAWSETTING SETRASTERSNAPOFF	NONE	KIN_ERROR KIN_SUCCESS	Sets the Raster Snap toggle to OFF.	Image Manager > Settings > Raster Snap on Tentative
IMGEDIT DRAWSETTING SETRASTERSNAPON	NONE	KIN_ERROR KIN_SUCCESS	Sets the Raster Snap toggle to ON.	Image Manager > Settings > Raster Snap on Tentative
IMGEDIT ERASE AREA	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_INVALID_SETTIN GS KIN_ERROR KIN_SUCCESS	Erases the current area of the active image.	Image Manager > Tools > Erase > Erase Area
IMGEDIT ERASE CIR- CULAR	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_INVALID_SETTIN GS KIN_ERROR KIN_SUCCESS	Erases the image with a circular brush. Two data points are required to define the circle.	Image Manager > Tools > Erase > Erase with Circu- lar Brush
IMGEDIT ERASE GETAREA (area)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Get the current area selected for the Erase Area command.	Image Manager > Tools > Erase > Tool Settings
IMGEDIT ERASE GETAREAOBJFILTER	Output: STRING	KIN_ERROR KIN_SUCCESS	Get the filter name used by the Raster Object option for the current area. Note: For 2 color images, foreground and background are offered.	Image Manager > Tools > Erase > Tool Settings

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Image Edit Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT ERASE GETCOLOR	Output: LONG	KIN_ERROR KIN_SUCCESS	Get the current color index used for erasing. Value ranges from 0 to 255. Note: For 2 color images, the background color is used.	Image Manager > Tools > Erase > Tool Settings
IMGEDIT ERASE OBLIQUE	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Erases the image with an oblique rectangular brush. Three data points are required to define the oriented rectangle.	Image Manager > Tools > Erase > Erase with Oblique Brush
IMGEDIT ERASE RECTANGLE	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Erases the image using a rectangular brush. Two data points are required to define the rectangle.	Image Manager > Tools > Erase > Erase with Rectangular Brush
IMGEDIT ERASE SETAREA < BLOCK ELEMENT FENCE IMAGE RASTER- OBJECT >	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the area for the Erase Area command.	Image Manager > Tools > Erase > Erase Area > Tool Settings
IMGEDIT ERASE SETAREAOBJFILTER <filterName>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the filter name used by the Raster Object option for the current area. Note: For 2 color images, foreground and background are offered.	Image Manager > Tools > Erase > Erase Area > Tool Settings
IMGEDIT ERASE SET- COLOR <colorIndex>	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the current color index used for erasing. Value ranges from 0 to 255.	Image Manager > Tools > Erase > Erase Area > Tool Settings

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT FILTER ADD <filtername>	Input: STRING	INVALID_PARAM KIN_ERROR KIN_SUCCESS	Adds a new filter name to the current filter file using the current filter settings.	Image Manager> Utilities > Color Filter
IMGEDIT FILTER ADDCOLORS	NONE	KIN_NOIMAGE KIN_INVALID_IMAGE_ TYPE KIN_PERM_DENIED KIN_ERROR KIN_SUCCESS	Starts the “Add to Filter” command that adds to the selected filter the colors sampled within the selected area.	Image Manager> Tools > Color Filter > Add to Filter
IMGEDIT FILTER ALL <filtername>	Input: STRING	INVALID_PARAM KIN_ERROR KIN_SUCCESS	Selects all colors of the color palette for the selected filter.	Image Manager> Utilities > Color Filter
IMGEDIT FILTER DELETE <filtername>	Input: STRING	INVALID_PARAM KIN_ERROR KIN_SUCCESS	Deletes the specified filter from the opened filter file.	Image Manager> Utilities > Color Filter
IMGEDIT FILTER GETAREA (area)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the selected area for the filter commands.	Image Manager > Tools > Color Filter
IMGEDIT FILTER GETHIGHLIGHT (highlight)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the selected highlight type for the filter commands (NONE, COLOR, MONOCHROME).	Image Manager> Tools > Color Filter
IMGEDIT FILTER SETHIGHLIGHT < NONE COLOR MONOCHROME >	Input param: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the highlight type for the Filter commands.	Image Manager> Tools > Color Filter
IMGEDIT FILTER HIGHLIGHT	NONE	KIN_NOIMAGE KIN_INVALID_IMAGE_ TYPE KIN_ERROR KIN_SUCCESS	Starts the “Highlight from Filter” command that highlights the selected filter on the active image.	Image Manager> Tools > Color Filter > Highlight
IMGEDIT FILTER GETDLGFILTER	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the filter name selected in the color filter dialog.	Image Manager > Utilities > Color Filter

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT FILTER GETTOOLFILTER	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the filter name selected in the tool settings of the Filter tools.	Image Manager > Tools > Color Filter
IMGEDIT FILTER INVERT <filtername>	Input: STRING	INVALID_PARAM KIN_ERROR KIN_SUCCESS	Selects the unselected colors and deselects the selected ones from the color palette for the selected filter.	Image Manager> Utilities > Color Filter
IMGEDIT FILTER NONE <filtername>	Input: STRING	INVALID_PARAM KIN_ERROR KIN_SUCCESS	Deselects all colors from the color palette for the selected filter.	Image Manager> Utilities > Color Filter
IMGEDIT FILTER RESET <filtername>	Input: STRING	INVALID_PARAM KIN_ERROR KIN_SUCCESS	Brings back original settings (before the last save) for the specified filter.	Image Manager> Utilities > Color Filter
IMGEDIT FILTER SETAREA < BLOCK ELEMENT FENCE IMAGE >	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the area for the Filter commands.	Image Manager> Tools > Color Filter
IMGEDIT FILTER SETDLGFILTER <filtername>	Input: STRING	INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the filter name in the color filter dialog.	Image Manager> Utilities > Color Filter
IMGEDIT FILTER SETTOOLFILTER <filtername>	Input: STRING	INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the filter name in the tool settings of the Filter tools.	Image Manager > Tools > Color Filter
IMGEDIT FILTER SUBTRACTCOLORS	NONE	KIN_NOIMAGE KIN_INVALID_IMAGE_ TYPE KIN_PERM_DENIED KIN_ERROR KIN_SUCCESS	Starts the "Subtract from Filter" command that removes from the selected filter the colors sampled within the selected area.	Image Manager> Tools > Color Filter > Subtract from Filter
IMGEDIT FILTER- FILE NEW	NONE	KIN_ERROR KIN_SUCCESS	Create a new filter file.	Image Manager> Utilities > Color Filter > File

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT FILTER-FILE OPEN [filename]	Input: [STRING]	KIN_FILE_NOT_FOUND KIN_ERROR KIN_NEED_INTERACTION KIN_SUCCESS	Opens the specified filter file. If filename is not specified, the Select Filter File dialog is opened. Note: Input parameter must be given to get a valid returned error code.	Image Manager> Utilities > Color Filter > File
IMGEDIT FILTER-FILE SAVE	NONE	KIN_ERROR KIN_SUCCESS	Save changes to the current filter file.	Image Manager> Utilities > Color Filter > File
IMGEDIT FILTER-FILE SAVEAS [filename]	Input: [STRING]	KIN_FILE_ALREADY_EXIST KIN_ERROR KIN_NEED_INTERACTION KIN_SUCCESS	Saves the current filter file under the specified filename. If filename is not specified, the Select Filter File dialog is opened. Note: Input parameter must be given to get a valid returned error code.	Image Manager> Utilities > Color Filter > File
IMGEDIT HISTOGRAM GETHIGH-SCALELIMIT (value)	Output: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current maximum vertical scale limit.	Image Manager > File > Properties > Histogram > View > Vertical Scale
IMGEDIT HISTOGRAM GETLOWS-CALELIMIT (value)	Output: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current minimum vertical scale limit.	Image Manager> File > Properties > Histogram > View > Vertical Scale
IMGEDIT HISTOGRAM GETMAX (value)	Output: SHORT	KIN_INVALID_PARAM KIN_NOIMAGE KIN+ERROR KIN_SUCCESS	Returns the current maximum index.	Image Manager > File > Properties > Histogram

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT HISTOGRAM GETMIN (value)	Output: SHORT	KIN_INVALID_PARAM KIN_NOIMAGE KIN+ERROR KIN_SUCCESS	Returns the current minimum index.	Image Manager > File > Properties > Histogram
IMGEDIT HISTOGRAM RESET	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Resets the default settings of the Histogram function.	Image Manager > File > Properties > Histogram
IMGEDIT HISTOGRAM SETHIGHSCALELIMIT <value>	Input: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the maximum vertical scale limit. Value ranges from 0 to 99.9.	Image Manager > File > Properties > Histogram > View > Vertical Scale
IMGEDIT HISTOGRAM SETLOWSCALELIMIT <value>	Input: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the minimum vertical scale limit. Value ranges from 0 to 99.9.	Image Manager > File > Properties > Histogram > View > Vertical Scale
IMGEDIT HISTOGRAM SETMAX <value>	Input: SHORT	KIN_INVALID_PARAM KIN_NOIMAGE KIN+ERROR KIN_SUCCESS	Sets the maximum index. Value ranges from 0 to 255.	Image Manager > File > Properties > Histogram
IMGEDIT HISTOGRAM SETMIN <value>	Input: SHORT	KIN_INVALID_PARAM KIN_NOIMAGE KIN_MISSING_SETTINGS KIN+ERROR KIN_SUCCESS	Sets the minimum index. Value ranges from 0 to 255.	Image Manager > File > Properties > Histogram
IMGEDIT IMGVERSION GET (version) (subversion) (revision) (subrevision)	Output: SHORT SHORT SHORT SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current version, subversion, revision and subrevision of the minimal required Descartes main module.	

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT PAINT AREA	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Paints the current area of the active image.	Image Manager > Tools > Paint > Paint Area
IMGEDIT PAINT CIRCULAR	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Paints the image with a circular brush. Two data points are required to define the circle.	Image Manager > Tools > Paint > Paint with Circular Brush
IMGEDIT PAINT GETAREA (area)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Get the current area selected for the Paint Area command.	Image Manager > Tools > Paint > Paint Area > Tool Settings
IMGEDIT PAINT GETAREAOBJFILTER	Output: STRING	KIN_ERROR KIN_SUCCESS	Get the filter name used by the Raster Object option for the current area. Note: For 2 color images, foreground and background are offered.	Image Manager > Tools > Paint > Paint Area > Tool Settings
IMGEDIT PAINT GETCOLOR	Output: LONG	KIN_ERROR KIN_SUCCESS	Get the current color index used for painting. Value ranges from 0 to 255. Note: For 2 color images, the foreground color is used.	Image Manager > Tools > Paint > Tool Settings
IMGEDIT PAINT GETFILTER	Output: STRING	KIN_ERROR KIN_SUCCESS	Get the current filter for the Paint tools.	Image Manager > Tools > Paint > Tool Settings

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT PAINT OBLIQUE	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Paints the image with an oblique rectangle brush. Three data points are required to define the size of the oriented rectangle.	Image Manager > Tools > Paint > Paint with Oblique Brush
IMGEDIT PAINT RECTANGLE	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Paints the image using a rectangular brush. Two data points are required to define the size of the rectangle.	Image Manager > Tools > Paint > Paint with Rectangular Brush
IMGEDIT PAINT SETAREA < BLOCK ELEMENT FENCE IMAGE RASTER-OBJECT >	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the area for the Paint Area command.	Image Manager > Tools > Paint > Paint Area > Tool Settings
IMGEDIT PAINT SETAREAOBJFILTER <filterName>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the filter name used by the Raster Object option for the current area. Note: For 2 color images, foreground and background are offered.	Image Manager > Tools > Paint > Paint Area > Tool Settings
IMGEDIT PAINT SET-COLOR <colorIndex>	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the current color index used for painting. Value ranges from 0 to 255.	Image Manager > Tools > Paint > Tool Settings
IMGEDIT PAINT SET-FILTER <filterName>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the filter name used by the Paint tools.	Image Manager > Tools > Paint > Paint Area > Tool Settings
IMGEDIT PAEDIT APPLY	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_ERROR KIN_SUCCESS	Saves color table changes to the active image.	Image Manager > Properties > Color Table > File > Apply

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT PALEDIT GETCMY <index> (Cyan) (Magenta) (Yellow)	Input: SHORT Output: DOUBLE DOUBLE DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns for the specified color index number its composition of Cyan Magenta and Yellow. Index number range from 0 to 255.	Image Manager > File > Properties > Color Table
IMGEDIT PALEDIT GETHSV <index> (Hue) (Saturation) (Value)	Input: SHORT Output: SHORT SHORT SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns for the specified color index number its composition of Hue, Saturation and Value. Index number range from 0 to 255.	Image Manager > File > Properties > Color Table
IMGEDIT PALEDIT GETRGB <index> (Red) (Green) (Blue)	Input: SHORT Output: SHORT SHORT SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns for the specified color index number its composition of Red Green and Blue. Index number range from 0 to 255.	Image Manager > File > Properties > Color Table
IMGEDIT PALEDIT GETRGBPORTION <index> (RedP) (GreenP) (BlueP)	Input: SHORT Output: DOUBLE DOUBLE DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns for the specified color index its composition of Red Green and Blue. Index number range from 0 to 255.	Image Manager > File > Properties > Color Table
IMGEDIT PALEDIT LOAD [filename]	Input: [STRING]	KIN_NOIMAGE KIN_INVALID_PARAM KIN_FILE_NOT_FOUND KIN_ERROR KIN_SUCCESS	Loads the specified color table. If filename is not specified, the Load Palette dialog opens. Note: Input parameter must be given to get a valid returned error code.	Image Manager> Properties > Color Table > File > Load Color Table

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT PAEDIT SAVEAS [filename]	Input: [STRING]	KIN_NOIMAGE KIN_INVALID_PARAM KIN_FILE_EXIST KIN_ERROR KIN_SUCCESS	Saves the current color table in the specified file. If filename is not specified, the Save Palette dialog opens. Note: Input parameter must be given to get a valid returned error code.	Image Manager > Properties > Color Table > File > Save As
IMGEDIT PAEDIT SETCMY <index> <Cyan> <Magenta> <Yellow>	Input: SHORT DOUBLE DOUBLE DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the specified color index with the composition of Cyan, Magenta and Yellow. Index number values range from 0 to 255. Cyan, Magenta and Yellow value range from 0 to 1.	Image Manager > File > Properties > Color Table
IMGEDIT PAEDIT SETHSV <index> <Hue> <Saturation> <Value>	Input: SHORT SHORT SHORT SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the specified color index with the composition of Hue, Saturation and Value. Index number values range from 0 to 255. Hue range from 0 to 359. Saturation and Value range from 0 to 100.	Image Manager > File > Properties > Color Table
IMGEDIT PAEDIT SETRGB <index> <Red> <Green> <Blue>	Input: SHORT SHORT SHORT SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the specified color index with the composition of Red Green and Blue. Index number and color values range from 0 to 255.	Image Manager > File > Properties > Color Table
IMGEDIT PAEDIT SETRGBPORTION <index> <RedP> <GreenP> <BlueP>	Input: SHORT DOUBLE DOUBLE DOUBLE	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the specified color index with the composition of Red, Green and Blue. Index number values range from 0 to 255. RedP GreenP and BlueP value range from 0 to 1.	Image Manager > File > Properties > Color Table

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT PASTE DGN	NONE	KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Activates the Paste Image Area as Design Element command.	Image Manager > Tools > Copy/Paste > Paste Image Area As Design Element
IMGEDIT PASTE HMR	NONE	KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Activates the Paste Image Area command.	Image Manager > Tools > Copy/Paste > Paste Image Area
IMGEDIT SLICE-COLOR APPLY	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_ERROR KIN_SUCCESS	Save changes to the color table of the active image.	Image Manager > Utilities > Density Slicing > File > Apply
IMGEDIT SLICE-COLOR GETMAX (red) (green) (blue)	Output: SHORT SHORT SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current maximum color value composition (Red Green and Blue) for the current slice.	Image Manager > Utilities > Density Slicing
IMGEDIT SLICE-COLOR GETMIN (red) (green) (blue)	Output: SHORT SHORT SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current minimum color value composition (Red, Green and Blue) for the current slice.	Image Manager > Utilities > Density Slicing
IMGEDIT SLICE-COLOR LOAD [filename]	Input: [STRING]	KIN_NOIMAGE KIN_INVALID_PARAM KIN_FILE_NOT_FOUND KIN_ERROR KIN_SUCCESS	Loads the specified color table. If filename is not specified, the File Selection dialog opens. Note: Input parameter must be given to get a valid returned error code.	Image Manager > Utilities > Density Slicing > File > Load Color Table

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT SLICE-COLOR SAVEAS [filename]	Input: [STRING]	KIN_NOIMAGE KIN_INVALID_PARAM KIN_FILE_EXIST KIN_ERROR KIN_SUCCESS	Saves the current color table in the specified file. If filename is not specified, the Save Palette dialog opens. Note: Input parameter must be given to get a valid returned error code.	Image Manager > Utilities > Density Slicing > File > Save As...
IMGEDIT SLICE-COLOR SETMAX <Red> <Green> <Blue>	Input: SHORT SHORT SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the maximum color value composition (Red, Green and Blue) for the current slice. Red, Green and Blue value range from 0 to 255.	Image Manager > Utilities > Density Slicing > Functions > Slice Coloring
IMGEDIT SLICE-COLOR SETMIN <Red> <Green> <Blue>	Input: SHORT SHORT SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the minimum color value composition (Red, Green and Blue) for the current slice. Red, Green and Blue value range from 0 to 255.	Image Manager > Utilities > Density Slicing > Functions > Slice Coloring
IMGEDIT STAMP GET1BITMODE (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the mode for 1 bit stamping. Modes are: FOREGROUND, BACKGROUND and REVERSE.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP GETLINESTYLE <LineNumber> (dash) [(Gap)] [(dash)] [(Gap)] [(dash)] [(Gap)] [(dash)] [(Gap)]	Input: SHORT Output: STRING [STRING] [STRING] [STRING] [STRING] [STRING] [STRING]	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the line style for the specified line number. Line number range from 0 to 15. Dashes and gaps are returned in working units ex: 10:50.000.	Image Manager > Settings > Stamp Vector

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT STAMP GETLINESTYLEPIXEL <LineNumber> (dash) [(Gap)] [(dash)] [(Gap)] [(dash)] [(Gap)] [(dash)] [(Gap)]	Input: SHORT Output: SHORT [SHORT] [SHORT] [SHORT] [SHORT] [SHORT]	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the line style for the specified line number. Line number range from 0 to 15. Dashes and gaps are returned in pixel units. ex: 1.5. Units mode must be set to PIXELS.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP GETLINEWEIGHT <LineNumber> (weight)	Input: SHORT Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the line weight for the specified line number. Line number range from 0 to 15. Line weight are returned in working units ex: 10:50.000.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP GETLINEWEIGHT- PIXEL <LineNumber> (weight)	Input: SHORT Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the line weight for the specified line number. Line number range from 0 to 15. Line weight are returned in pixel units ex: 1.5. Units mode must be set to PIXELS.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP GETSCALEFACTOR (value)	Output: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current Scale Factor value.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP GETUNITS (UnitsMode)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the units used by the stamp process. Units mode are: PIXELS and WORKINGUNITS.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP GETVIEW (viewNumber)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current view number for stamping.	Image Manager > Tools > Stamp > Tool Settings

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT STAMP SET1BITMODE < FOREGROUND BACKGROUND REVERSE >	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the mode for 1 bit stamping. Modes are: FOREGROUND, BACKGROUND and REVERSE.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP SETLINESTYLE <LineNumber> <Dash> [Gap] [Dash] [Gap] [Dash] [Gap] [Dash] [Gap]	Input: SHORT STRING [STRING] [STRING] [STRING] [STRING] [STRING] [STRING]	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the line style for the specified line number. Line number range from 0 to 15. Dashes and gaps are in working units ex: 10:50.000.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP SETLINESTYLEPIXEL <LineNumber> <Dash> [Gap] [Dash] [Gap] [Dash] [Gap] [Dash] [Gap]	Input: SHORT SHORT [SHORT] [SHORT] [SHORT] [SHORT] [SHORT] [SHORT]	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the line style for the specified line number. Line number range from 0 to 15. Dashes and gaps are in pixel units ex: 1.5. Units mode must be set to PIXELS.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP SETLINEWEIGHT <LineNumber> <Weight>	Input: SHORT STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the line weight for the specified line number. Line number range from 0 to 15. Line weight are in working units ex: 10:50.000.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP SETLINEWEIGHT- PIXEL <LineNumber> <Weight>	Input: SHORT SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the line weight for the specified line number. Line number range from 0 to 15. Line weight are in pixel units; ex: 1.5. Units mode must be set to PIXELS.	Image Manager > Settings > Stamp Vector

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT STAMP SETSCALEFACTOR <value>	Input: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the Scale Factor.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP SETUNITS < PIXELS WORKINGUNITS >	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the units mode for the stamp settings. Units mode are: PIXELS and WORKINGUNITS.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP SETVIEW <viewNumber>	Input: SHORT	KIN_INVALID_VIEW KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the view number for stamping.	Image Manager > Tools > Stamp > Tool Settings
IMGEDIT STAMP VECTOR	NONE	KIN_ERROR KIN_SUCCESS	Activates the Stamp Vector command.	Image Manager > Tools > Stamp > Stamp Vector
IMGEDIT STAMP- PAUTO GET (status)	Output param.: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the status (ON/OFF) of Automatic Vector Stamping.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP- PAUTO SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the status of Automatic Vector Stamping to OFF.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP- PAUTO SETON	NONE	KIN_ERROR KIN_SUCCESS	Set the status of Automatic Vector Stamping to ON.	Image Manager > Settings > Stamp Vector
IMGEDIT STAMP- CONFIRM SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Disable the confirming message to appear when a stamping operation will be done.	
IMGEDIT STAMP- CONFIRM SETON	NONE	KIN_ERROR KIN_SUCCESS	Enables the confirming message to appear when a stamping operation will be done.	
IMGEDIT STAMPCVT1TO8 SET- OFF	NONE	KIN_ERROR KIN_SUCCESS	Sets the conversion of 1 bit images in 8 bit images to OFF for stamping operations.	

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT STAMP CVT1TO8 SETON	NONE	KIN_ERROR KIN_SUCCESS	Sets the conversion of 1 bit images in 8 bit images ON for stamping operations.	
IMGEDIT STAMP CVTCONF SETON	NONE	KIN_ERROR KIN_SUCCESS	Enables the confirming message to appear when an image conversion should be done while stamping.	
IMGEDIT STAMP CVTCONFSET- OFF	NONE	KIN_ERROR KIN_SUCCESS	Disables the confirming message to appear when an image conversion should be done while stamping.	
IMGEDIT STAMPNO- TOUCHIMAGE SET- OFF	NONE	KIN_ERROR KIN_SUCCESS	Disables the No Touched Image message box to appear when a stamping operation is done.	
IMGEDIT STAMPNO- TOUCHIMAGE SETON	NONE	KIN_ERROR KIN_SUCCESS	Enables the No Touched Image message box to appear when a stamping operation is done.	
IMGEDIT TOOL- CLEANUP CLOSE	NONE	KIN_SUCCESS	Closes the Cleanup tool box.	Image Manager> Tools > Clean Up
IMGEDIT TOOL- CLEANUP OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Cleanup tool box.	Image Manager> Tools > Clean Up
IMGEDIT TOOL- COPYPASTE CLOSE	NONE	KIN_SUCCESS	Closes the Copy/Paste tool box.	Image Manager> Tools > Copy/Paste
IMGEDIT TOOL- COPYPASTE OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Copy/Paste tool box.	Image Manager> Tools > Copy/Paste

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT TOOL-STAMP CLOSE	NONE	KIN_SUCCESS	Closes the Draw tool box.	Image Manager> Tools > Draw
IMGEDIT TOOL-STAMP OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Draw tool box.	Image Manager> Tools > Draw
IMGEDIT TOOL-ERASE CLOSE	NONE	KIN_SUCCESS	Closes the Erase tool box.	Image Manager> Tools > Erase
IMGEDIT TOOL-ERASE OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Erase tool box.	Image Manager> Tools > Erase
IMGEDIT TOOL-FILTER CLOSE	NONE	KIN_SUCCESS	Closes the Filter tool box.	Image Manager> Tools > Color Filter
IMGEDIT TOOL-FILTER OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Filter tool box.	Image Manager> Tools > Color Filter
IMGEDIT TOOLFILTERFILE CLOSE	NONE	KIN_SUCCESS	Closes the Filter File tool box.	Image Manager > Tools > Color Filter File
IMGEDIT TOOLFILTERFILE OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Filter File tool box.	Image Manager > Tools > Color Filter File
IMGEDIT TOOL-PAINT CLOSE	NONE	KIN_SUCCESS	Closes the Paint tool box.	Image Manager> Tools > Paint
IMGEDIT TOOL-PAINT OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Paint tool box.	Image Manager> Tools > Paint
IMGEDIT TOOL-TRANSFORM CLOSE	NONE	KIN_SUCCESS	Closes the Local Transform tool box.	Image Manager> Tools > Local Transform

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT TOOL-TRANSFORM OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Local Transform tool box.	Image Manager> Tools > Local Transform
IMGEDIT TOOL-UNDOREDO CLOSE		KIN_SUCCESS	Closes the Undo/Redo tool box.	Image Manager> Tools > Undo/Redo
IMGEDIT TOOL-UNDOREDO OPEN		KIN_ERROR KIN_SUCCESS	Opens the Undo/Redo tool box.	Image Manager> Tools > Undo/Redo
IMGEDIT TRANSLUCENCY GETONOFF <view number> (state)	Output: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current translucency status (ON/OFF) for the active image in the specified view.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSFORM GETAREA (area)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Get the current area type for Local Transform tools.	Image Manager> Tools > Local Transform
IMGEDIT TRANSFORM GETAREAOBJECT-FILTER	Output: STRING	KIN_ERROR KIN_SUCCESS	Returns the Raster Object filter name. If the image is 2 colors, possible filter names are foreground and background.	Image Manager> Tools > Local Transform
IMGEDIT TRANSFORM GETCOLOR	Output: LONG	KIN_ERROR KIN_SUCCESS	Returns the current color used by Local Transform tools. Color indexes range from 0 to 255.	Image Manager> Tools > Local Transform
IMGEDIT TRANSFORM GETFILTER	Output: STRING	KIN_ERROR KIN_SUCCESS	Returns the current filter name used by Local Transform tools.	Image Manager> Tools > Local Transform
IMGEDIT TRANSFORM MIRRORHORIZONTAL	NONE	KIN_INVALID_SETTING KIN_ERROR KIN_SUCCESS	Starts the Horizontal Mirror Image Area command.	Image Manager> Tools > Local Transform

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT TRANSFORM MIRRORVERTICAL	NONE	KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Starts the Vertical Mirror Image Area command.	Image Manager> Tools > Local Transform
IMGEDIT TRANSFORM MOVE	NONE	KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Starts the Move Image Area command.	Image Manager> Tools > Local Transform
IMGEDIT TRANSFORM PLACE	NONE	KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Starts the Place Image Area command.	Image Manager> Tools > Local Transform
IMGEDIT TRANSFORM ROTATE	NONE	KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Starts the Rotate Image Area command.	Image Manager> Tools > Local Transform
IMGEDIT TRANSFORM SCALE	NONE	KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Starts the Scale Image Area command.	Image Manager> Tools > Local Transform
IMGEDIT TRANSFORM SETAREA <BLOCK ELEMENT FENCE RASTER-OBJECT>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the area for local transformations.	Image Manager> Tools > Local Transform
IMGEDIT TRANSFORM SETAREAOBJ-FILTER <filterName>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the Raster Object filter. If the image is 1bit, possible filter names are foreground and background.	Image Manager> Tools > Local Transform
IMGEDIT TRANSFORM SETCOLOR <colorIndex>	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the current color index used for erasing. Value ranges from 0 to 255.	Image Manager> Tools > Local Transform
IMGEDIT TRANSFORM SETFILTER <filterName>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the filter name used by the Local Transform tools.	Image Manager> Tools > Local Transform

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT TRANSF-PLACE GETMODE (mode)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the selected mode for transforming the geometry. Modes are INTERACTIVE or SOURCEDEST.	Image Manager> Tools > Local Transform > Place Image Area
IMGEDIT TRANSF-PLACE GETUSE (NumberOfpoints)	Output: SHORT	KIN_ERROR KIN_SUCCESS	Returns the number of points selected for transforming the geometry.	Image Manager> Tools > Local Transform > Place Image Area
IMGEDIT TRANSF-PLACE SETUSE <3PTS 4PTS>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the number of points for transforming the geometry.	Image Manager> Tools > Local Transform> Place Image Area
IMGEDIT TRANSF-PLACE SETMODE <INTERACTIVE SOURCEDEST>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the mode for transforming the geometry.	Image Manager> Tools > Local Transform> Place Image Area
IMGEDIT TRANS-FROTATE GETANGLE (angle)	Output: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the selected value for specifying the angle of rotation.	Image Manager> Tools > Local Transform> Rotate Image Area
IMGEDIT TRANS-FROTATE GETMODE (mode)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the selected mode for specifying the rotation. Modes are INTERACTIVE or FIXED.	Image Manager> Tools > Local Transform> Rotate Image Area
IMGEDIT TRANS-FROTATE SETANGLE <angle>	Input: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the angle of rotation.	Image Manager> Tools > Local Transform> Rotate Image Area
IMGEDIT TRANS-FROTATE SETMODE <FIXED INTERACTIVE>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the mode for specifying the rotation.	Image Manager> Tools > Local Transform> Rotate Image Area

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT TRANSFSCALE GETMODE (mode)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current scaling mode. Modes are INTERACTIVE, SCALE or DISTANCE.	Image Manager> Tools > Local Transform> Scale Image Area
IMGEDIT TRANSFSCALE GETVALUE (value)	Output: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current scaling value.	Image Manager> Tools > Local Transform> Scale Image Area
IMGEDIT TRANSFSCALE SETMODE <FIXEDDIATANCE FIXEDSCALE INTERACTIVE>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the current scaling mode.	Image Manager> Tools > Local Transform> Scale Image Area
IMGEDIT TRANSFSCALE SETVALUE <value>	Input: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the current scaling value.	Image Manager> Tools > Local Transform> Scale Image Area
IMGEDIT TRANSLUCENCY ADDSAMPLE	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Starts the command that adds the colors sampled in the selected rectangle.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSLUCENCY ALL <view number>	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Selects all colors as translucent.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSLUCENCY APPLY	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Apply the translucency to selected colors for the active image.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSLUCENCY GETMODE (mode)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current mode for sampling colors. Modes are DIMENSIONS or TWOCORNERS.	Image Manager > Utilities > Translucent Colors

MicroStation Descartes Key-in Tables

Image Edit Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT TRANSLUCENCY GETPERCENT (percent)	Output: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current percentage of translucency.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSLUCENCY GETXSIZE (size)	Output: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current size (X axis) of the color capturing rectangle.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSLUCENCY GETYSIZE (size)	Output: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current size (Y axis) of the color capturing rectangle.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSLUCENCY INVERT <view number>	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Invert the status of each color for translucency.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSLUCENCY NONE <view number>	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Deselect all colors for translucency.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSLUCENCY RESET <view number>	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Reset translucency settings as it was before the last change.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSLUCENCY SETMODE <DIMENSIONS TWOCORNERS>	Input: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the mode for sampling translucent colors. Modes are DIMENSIONS or TWOCORNERS.	Image Manager > Utilities > Translucent Colors:
IMGEDIT TRANSLUCENCY SETOFF <view number>	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the translucency to OFF for the active image in the specified view.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSLUCENCY SETON <view number>	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the translucency to ON for the active image in the specified view.	Image Manager > Utilities > Translucent Colors

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT TRANSLUCENCY SETPERCENT <25 50 75>	Input: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the percentage of translucency for the selected colors.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSLUCENCY SETXSIZE <size>	Input: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Sets the current size (X axis) of the color capturing rectangle. Only available when capture mode is DIMENSIONS.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSLUCENCY SETYSIZE <size>	Input: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Sets the current size (Y axis) of the color capturing rectangle. Only available when capture mode is DIMENSIONS.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSLUCENCY SUBSAMPLE	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Starts the command that deselect the colors sampled in the selected rectangle.	Image Manager > Utilities > Translucent Colors
IMGEDIT TRANSPARENCY ADDSAMPLE	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Starts the command that adds the colors sampled in the selected rectangle.	Image Manager > Utilities > Transparent Colors
IMGEDIT TRANSPARENCY ALL	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Selects all colors as transparent.	Image Manager > Utilities > Transparent Colors
IMGEDIT TRANSPARENCY APPLY	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Apply the transparency to selected colors for the active image.	Image Manager > Utilities > Transparent Colors
IMGEDIT TRANSPARENCY GETMODE (mode)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current mode for sampling colors. Modes are DIMENSIONS or TWOCORNERS.	Image Manager > Utilities > Transparent Colors

MicroStation Descartes Key-in Tables

Image Edit Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT TRANSPARENCY GETONOFF (state)	Output: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current transparency status (ON/OFF) for the active image in the specified view.	Image Manager > Utilities > Transparent Colors
IMGEDIT TRANSPARENCY GETXSIZE (size)	Output: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current size (X axis) of the color capturing rectangle.	Image Manager > Utilities > Transparent Colors
IMGEDIT TRANSPARENCY GETYSIZE (size)	Output: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current size (Y axis) of the color capturing rectangle.	Image Manager > Utilities > Transparent Colors
IMGEDIT TRANSPARENCY INVERT	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Invert the status of each color for transparency.	Image Manager > Utilities > Transparent Colors
IMGEDIT TRANSPARENCY NONE	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Deselect all colors for transparency.	Image Manager > Utilities > Transparent Colors
IMGEDIT TRANSPARENCY RESET	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Reset transparency settings as it was before the last change.	Image Manager > Utilities > Transparent Colors
IMGEDIT TRANSPARENCY SETMODE <DIMENSIONS TWOCORNERS>	Input: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the mode for sampling transparent colors. Modes are DIMENSIONS or TWOCORNERS.	Image Manager > Utilities > Transparent Colors:
IMGEDIT TRANSPARENCY SETOFF	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the transparency to OFF for the active image in the specified view.	Image Manager > Utilities > Transparent Colors

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT TRANSPARENCY SETON	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the transparency to ON for the active image in the specified view.	Image Manager > Utilities > Transparent Colors
IMGEDIT TRANSPARENCY SETXSIZE <size>	Input: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Sets the current size (X axis) of the color capturing rectangle. Only available when capture mode is DIMENSIONS.	Image Manager > Utilities > Transparent Colors
IMGEDIT TRANSPARENCY SETYSIZE <size>	Input: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_INVALID_SETTINGS KIN_ERROR KIN_SUCCESS	Sets the current size (Y axis) of the color capturing rectangle. Only available when capture mode is DIMENSIONS.	Image Manager > Utilities > Transparent Colors
IMGEDIT TRANSPARENCY SUBSAMPLE	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Starts the command that deselect the colors sampled in the selected rectangle.	Image Manager > Utilities > Transparent Colors
IMGEDIT UNDOREDO GETENABLE (state)	Output: SHORT	KIN_INVALID_PARAM KIN+ERROR KIN_SUCCESS	Returns the Undo/Redo enable state (ON or OFF).	Image Manager > Settings > Undo/Redo
IMGEDIT UNDOREDO GETFILE (filename)	Output: STRING	KIN_INVALID_PARAM KIN+ERROR KIN_SUCCESS	Returns the file name used for undo operations. If no file name is defined, "NONE" is returned.	Image Manager > Settings > Undo/Redo
IMGEDIT UNDOREDO GETMEMORYSIZE (memsize)	Output: LONG	KIN_INVALID_PARAM KIN+ERROR KIN_SUCCESS	Returns the current memory size used for undo operations (Kb).	Image Manager > Settings > Undo/Redo
IMGEDIT UNDOREDO GETSIZEFILE (filesize)	Output: LONG	KIN_INVALID_PARAM KIN+ERROR KIN_SUCCESS	Returns the maximum file size of the file used for undo operations (Kb).	Image Manager > Settings > Undo/Redo

MicroStation Descartes Key-in Tables

Image Edit Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGEDIT UNDOREDO REDO	NONE	KIN_NOIMAGE KIN+ERROR KIN_SUCCESS	Activates the Redo Image command.	Image Manager > Tools > Undo/Redo
IMGEDIT UNDOREDO SETFILE <filename>	Input: STRING	KIN_INVALID_PARAM KIN_FILE_EXIST KIN+ERROR KIN_SUCCESS	Sets the file used for undo operations. The file must not exist.	Image Manager > Settings > Undo/Redo
IMGEDIT UNDOREDO SET- MEMORYSIZE <size>	Input: LONG	KIN_INVALID_PARAM KIN+ERROR KIN_SUCCESS	Sets the size of memory for undo operations. Value range from 0 to 9 999 999 999 (Kb).	Image Manager > Settings > Undo/Redo
IMGEDIT UNDOREDO SETOF- FENABLE	NONE	KIN+ERROR KIN_SUCCESS	Sets the Undo/Redo Enable status to OFF.	Image Manager > Settings > Undo/Redo
IMGEDIT UNDOREDO SET- ONENABLE	NONE	KIN+ERROR KIN_SUCCESS	Sets the Undo/Redo Enable status to ON.	Image Manager > Settings > Undo/Redo
IMGEDIT UNDOREDO SET- SIZEFILE <size>	Input: LONG	KIN_INVALID_PARAM KIN+ERROR KIN_SUCCESS	Sets the maximum file size of the file used for undo operations. Value range from 0 to 9 999 999 999. (Kb).	Image Manager > Settings > Undo/Redo
IMGEDIT UNDOREDO UNDO	NONE	KIN_NOIMAGE KIN+ERROR KIN_SUCCESS	Activates the Undo Image command.	Image Manager > Tools > Undo/Redo
IMGEDIT VERSION GET (version) (subver- sion) (revision) (sub- revision)	Output: SHORT SHORT SHORT SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current version, subversion, revision and sub revision of the Image Edit module.	

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER ACTIVEIMAGE GET	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the name of the active image.	
IMGMANAGER ACTIVEIMAGE NONE	NONE	KIN_SUCCESS	De-activates any active image.	
IMGMANAGER ACTIVEIMAGE SET [view number] [filename]	Input: SHORT, [STRING]	KIN_INVALID_VIEW KIN_FILE_NOT_FOUND KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the specified image active. If filename is not specified, applies to the selected image of the specified view. If none or more than one image is selected in the specified view, a data point is required to identify the desired image. If view is not specified, a data point is required to identify the desired view and the image. Note: The first Input parameter must be given to return a valid error code.	Image Manager > Edit > Set Active Image
IMGMANAGER ACTIVEIMAGE SET- BYINDEX < View> < Index number>	Input: SHORT, SHORT	KIN_INVALID_VIEW KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets active image to the specified index number in the list of images. Index starts at 1.	
IMGMANAGER BATCHCONVER COLORCOMPGETFIL E (filename)	Output: STRING	KIN_SUCCESS KIN_INVALID_PARAM KIN_ERROR	Returns the name of the color cube file created or used in the color compression process.	Image Manager > File> Batch Conversion

MicroStation Descartes Key-in Tables

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER BATCHCONVER COLORCOMPGET- MODE (mode)	Output: STRING	KIN_SUCCESS KIN_INVALID_PARAM KIN_ERROR	Returns the color compression mode. Modes are STANDARD, CUSTOM and CREATE.	Image Manager > File> Batch Conversion
IMGMANAGER BATCHCONVER COLORCOMPGETNB COLOR (nb colors)	Output: SHORT	KIN_SUCCESS KIN_INVALID_PARAM KIN_ERROR	Returns the number of colors used in the color compression.	Image Manager > File> Batch Conversion
IMGMANAGER BATCHCONVER COLORCOMPSET- FILE <filename>	Input: STRING	KIN_SUCCESS KIN_INVALID_PARAM KIN_FILE_EXIST KIN_ERROR	Sets the name of the color cube file created or used in the color compression process.	Image Manager > File> Batch Conversion
IMGMANAGER BATCHCONVER COLORCOMPSETMO DE <STANDARD CUSTOM CREATE>	Input: STRING	KIN_SUCCESS KIN_INVALID_PARAM KIN_ERROR	Sets the color compression mode.	Image Manager > File> Batch Conversion
IMGMANAGER BATCHCONVER COLORCOMPSETNB COLOR <nb colors>	Input: SHORT	KIN_SUCCESS KIN_INVALID_COLOR KIN_ERROR	Sets the number of colors used in the color compression.	Image Manager > File> Batch Conversion
IMGMANAGER BATCHCONVER GETRESULT (status)	Output: SHORT	KIN_SUCCESS	Gets the status (ON/OFF) of the option for displaying result during a batch conversion process.	Image Manager >File> Batch Conversion
IMGMANAGER BATCHCONVER SETOUTPUTSETTING <Extension> <Pixel Type> <Compression> <Directory>	Input: STRING STRING STRING STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the options (Extension, Pixel Type, Compression and Directory) for the output file (see "Image File Formats" on page A-120 for available options).	Image Manager > File > Batch Conversion

MicroStation Descartes Key-in Tables

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER BATCHCONVER SET- RESULTOFF	NONE	KIN_SUCCESS	Sets the status to OFF for the option of displaying result during a batch conversion process.	Image Manager >File> Batch Conversion
IMGMANAGER BATCHCONVER SET- RESULTON	NONE	KIN_SUCCESS	Sets the status to ON for the option of displaying result during a batch conversion process.	Image Manager >File> Batch Conversion
IMGMANAGER BATCHCOT GETTILED (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the tiling status for the creation of a COT file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHCOT SETTILEDOFF	NONE	KIN_SUCCESS	Sets the tiling to OFF for the creation of a COT file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHCOT SETTILEDON	NONE	KIN_SUCCESS	Sets the tiling to ON for the creation of a COT file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTIF GETTILED (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the tiling status for the creation of a TIFF file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTIF SETTILEDOFF	NONE	KIN_SUCCESS	Sets the tiling to OFF for the creation of a TIFF file.	Image Manager > File > Batch Conversion
IMGMANAGER BATCHTIF SETTILEDON	NONE	KIN_SUCCESS	Sets the tiling to ON for the creation of a TIFF file.	Image Manager > File > Batch Conversion
IMGMANAGER COLORDIST GET24BITS (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the 24 bits display status.	Image Manager > Setting > Preferences> Colors

MicroStation Descartes Key-in Tables

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER COLORDIST GETEXACTDGN- COLORS (nb colors)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Number of Exact DGN Colors.	Image Manager > Settings > Preferences> Colors
IMGMANAGER COLORDIST GETEXACTIMAGE- COLORS (nb colors)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Number of Exact Image Colors.	Image Manager > Setting > Preferences> Colors
IMGMANAGER COLORDIST GETEXACTMS- COLORS (nb colors)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Number of Exact MicroStation Colors.	Image Manager > Setting > Preferences> Colors
IMGMANAGER COLORDIST SET24BITSOFF	NONE	KIN_SUCCESS	Sets 24 bits display option to OFF.	Image Manager > Setting > Preferences> Colors
IMGMANAGER COLORDIST SET24BITSON	NONE	KIN_SUCCESS	Sets 24 bits display option to ON.	Image Manager > Setting > Preferences> Colors
IMGMANAGER COLORDIST SETEXACTDGN- COLORS <nb colors>	Input: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the Number of Exact DGN Colors.	Image Manager > Settings > Preferences> Colors
IMGMANAGER COLORDIST SETEXACTIMAGE- COLORS <nb colors>	Input: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the Number of Exact Image Colors.	Image Manager > Setting > Preferences> Colors
IMGMANAGER COLORDIST SETEXACTMS- COLORS <nb colors>	Input: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the Number of Exact MicroStation Colors.	Image Manager > Setting > Preferences> Colors

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER DIALOG CLOSE	NONE	KIN_SUCCESS	Closes the main dialog of Descartes - Image Manager	
IMGMANAGER DIALOG OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the main dialog of Descartes - Image Manager	
IMGMANAGER DISPLAY 1FOR1 [view number] [filename]	Input: [SHORT], [STRING]	KIN_INVALID_VIEW KIN_FILE_NOT_FOUND KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sets the specified image to actual resolution (1:1) for the selected view. If filename is not specified, applies to the selected image in the specified view. If none or more than one image is selected in the specified view, a data point is required to identify the desired image. If view is not specified, a data point is required to identify the desired view and image. Note: The first Input parameter must be given to return a valid error code.	Image Manager > Display > Actual Resolution (1:1)
IMGMANAGER DISPLAY APPLYALL [source view]	Input: SHORT,	KIN_INVALID_VIEW KIN_SUCCESS KIN_ERROR	Copies the list of images of the source view in all others opened views. If no source view is specified, a data point is required to identify the desired source view.	Image Manager > Display > Apply To All

MicroStation Descartes Key-in Tables

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER DISPLAY APPLYTO [source view] [destination view]	Input: SHORT, SHORT	KIN_INVALID_VIEW KIN_SUCCESS KIN_ERROR	Copies the list of images of the source view in the specified destination view. If destination view is not specified, the dialog "Apply To" will be opened. If source view is not specified, a data point is required to identify the desired source view.	Image Manager > Display > Apply To
IMGMANAGER DISPLAY BACK [view number] [filename]	Input: [SHORT], [STRING]	KIN_INVALID_VIEW KIN_FILE_NOT_FOUND KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Sends the specified image to the back in the selected view. If filename is not specified, applies to the selected images of the specified view. If view is not specified, a data point is required to identify the desired view. If no images are selected in this view, a data point is required to identify the desired image. Note: The first Input parameter must be given to get a valid returned error code.	Image Manager > Display > Send to Back

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER DISPLAY FIT [view number] [filename]	Input: [SHORT], [STRING]	KIN_INVALID_VIEW KIN_NOIMAGE KIN_FILE_NOT_FOUND KIN_ERROR KIN_SUCCESS	Fits the specified image to the view. If filename is not specified, the selected images of the specified view will be used. If view is absent, a data point is required to identify the desired view. If no images are selected in this view, a data point is required to identify the desired image. Note: The first Input parameter must be given to get a valid returned error code.	Image Manager > Display> Fit Image (s) to View
IMGMANAGER DISPLAY FITALL [view number]	Input: [SHORT]	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Fits all visible image to a view. If view is not specified, a data point is required to identify the desired view. Note: Input parameter must be given to get a valid returned error code.	Image Manager > Display> Fit All Images to View

MicroStation Descartes Key-in Tables

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER DISPLAY FRONT [view number] [filename]	Input: [SHORT], [STRING]	KIN_INVALID_VIEW KIN_FILE_NOT_FOUND KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Brings the specified image to the front in the selected view. If filename is not specified, applies to the selected images of the specified view. If view is not specified, a data point is required to identify the desired view. If no images are selected in this view, a data point is required to identify the desired image. Note: The first Input parameter must be given to get a valid returned error code.	Image Manager > Display> Bring to Front
IMGMANAGER DISPLAY GETONOFF <view number> [filename] (status)	Input: SHORT, [STRING] Output: SHORT	KIN_INVALID_PARAM KIN_INVALID_VIEW KIN_FILE_NOT_FOUND KIN_SUCCESS KIN_ERROR	Returns the status (ON/OFF) of the specified image in the selected view. Applies to the first selected images if no filename is specified.	
IMGMANAGER DISPLAY SETOFF [view number] [filename]	Input: SHORT, [STRING]	KIN_INVALID_VIEW KIN_FILE_NOT_FOUND KIN_INVALID_PARAM KIN_SUCCESS KIN_ERROR	Sets OFF the specified image in the selected view. Applies to the selected images of the specified view if no filename is specified. If no view is specified, a data point is required to identify the desired view.	Image Manager > Display> Image(s) Off

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER DISPLAY SETON [view number] [filename]	Input: SHORT, [STRING]	KIN_INVALID_VIEW KIN_FILE_NOT_ FOUND KIN_INVALID_PARAM KIN_SUCCESS KIN_ERROR	Sets ON the specified image in the selected view. Applies to the selected images of the specified view if no filename is specified. If no view is specified, a data point is required to identify the desired view and images.	Image Manager > Display > Image(s) On
IMGMANAGER DLGCOLORDIST OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Color Distribution dialog.	Image Manager > Settings > Preferences > Colors...
IMGMANAGER DLGGENERAL OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Properties General dialog.	Image Manager > File > Properties > General
IMGMANAGER DLGLOCATION OPEN	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Opens the Image Location Editor dialog.	Image Manager > File > Properties > Location
IMGMANAGER DLGMEMORY OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Memory Allocation dialog.	Image Manager > Settings > Preferences > Memory
IMGMANAGER DLGPLOT OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Plot dialog.	Image Manager > File > Plot
IMGMANAGER DLGVIEW CLOSE	NONE	KIN_ERROR KIN_SUCCESS	Closes the View Image Attributes dialog.	Image Manager > Settings > View Image Attributes

MicroStation Descartes Key-in Tables

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER DLGVIEW OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the View Image Attributes dialog.	Image Manager > Settings > View Image Attributes
IMGMANAGER FILE BATCHCONVER <filename>	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Convert the given file to a new file format. If no filename is specified, the Batch Conversion dialog is opened.	Image Manager > File > Batch Conversion
IMGMANAGER FILE CLOSE [view number] [filename]	Input: SHORT, [STRING]	KIN_INVALID_VIEW KIN_FILE_NOT_ FOUND KIN_NO_ACTIVE_FILE KIN_SUCCESS KIN_ERROR	Closes the specified image in the specified view. If no filename is specified, closes the selected images in the specified view. If no view is specified, a data point is required to identify the desired view	Image Manager > File> Close
IMGMANAGER FILE CLOSEALL	NONE	KIN_SUCCESS	Closes all images in all views.	Image Manager > File> Closeall
IMGMANAGER FILE NEW	NONE	KIN_SUCCESS KIN_ERROR	Opens the New Image dialog.	Image Manager > File> New...
IMGMANAGER FILE OPEN [filename]	Input: , STRING	KIN_INVALID_FILE_ NAME KIN_SUCCESS KIN_ERROR	Opens the specified image in the specified view. If no filename is specified, opens the Image File Selection dialog. Note: Input parameter must be given to get a valid returned error code.	Image Manager > File> Open...

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER FILE SAVE	NONE	KIN_FILE_READ_ONLY KIN_NO_ACTIVE_FILE KIN_ERROR KIN_SUCCESS	Saves the active image.	Image Manager > File > Save
IMGMANAGER FILE SAVEAS <filename>	Input: STRING	KIN_FILE_EXIST KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS KIN_NO_ACTIVE_FILE	Saves the active image under the specified name. If no filename is specified, opens the Image File Creation dialog.	Image Manager > File > Save as
IMGMANAGER IMAGE GETCOLORCOUNT <ColorIndex> (Count)	Input: SHORT Output: LONG	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the number of pixels count of the specified color index in the active image.	Image Manager > File > Properties > Histogram
IMGMANAGER IMAGE GETCOUNT < View> (Count)	Input: SHORT Output: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the number of images opened in the specified view.	
IMGMANAGER IMAGE GETFILENAME (FileName)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_INVALID_VIEW KIN_SUCCESS	Returns the file name of the active image.	Image Manager > File > Properties > General
IMGMANAGER IMAGE GETFORMAT (Format)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the file format of the active image.	Image Manager > File > Properties > General
IMGMANAGER IMAGE GETONOFF <view> (Status)	Input: SHORT Output: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_INVALID_VIEW KIN_SUCCESS	Returns the status (ON/OFF). of the active image	Image Manager

MicroStation Descartes Key-in Tables

Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER IMAGE GETPALETTECOLOR <ColorIndex> (Red) (Green) (Blue)	Input: SHORT Output: SHORT SHORT SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the red, green and blue values for the specified color index in the color palette of the active image.	Image Manager > File > Properties > Color Table
IMGMANAGER IMAGE GETPALETTE SIZE (PaletteSize)	Output: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the color palette size of the active image.	
IMGMANAGER IMAGE GETPIXELTYPE (PixelFormat)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the pixel type of the active image.	Image Manager > File > Properties > General
IMGMANAGER IMAGE GETTRANSLUCENCE <View><ColorIndex> (State)	Input: SHORT SHORT Output: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the translucence state for the specified color index in palette of the active image for the specified view.	Image Manager > Utilities > Translucent Colors
IMGMANAGER IMAGE GETTRANSLUCENCE PERCENT <View> (Percent)	Input: SHORT Output: DOUBLE	KIN_NOIMAGE KIN_INVALID_VIEW KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the translucence percent value for the active image in the specified view.	Image Manager > Utilities > Translucent Colors
IMGMANAGER IMAGE GETTRANSPARENCE <View><ColorIndex> (State)	Input: SHORT SHORT Output: SHORT	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the transparency state for the specified color index in palette of the active image for the specified view.	Image Manager > Utilities > Transparent Colors
IMGMANAGER IMAGE GETXNBPIXELS (NbPixels)	Output: LONG	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the width of the active image in pixels.	Image Manager > File > Properties > Location

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER IMAGE GETYNB- PIXELS (NbPixels)	Output: LONG	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the height of the active image in pixels.	Image Manager > File > Properties > Location
IMGMANAGER IMAGE QUERY <View> (ImgList)	Input: SHORT Output: STRUCT	KIN_INVALID_VIEW KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns all the information related to the list of images opened in the specified view. The ImgList is defined in the imgquery.h file. See mdl\examples\imgquery for an example. NB: Available for MDL programming only.	
IMGMANAGER IMAGE QUERYFREE < ImgList >	Input: STRUCT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Free the memory allocated for the specified ImgList by the key-in IMGMANAGER IMAGE QUERY. NB: Available for MDL programming only.	
IMGMANAGER IMAGE SELECT [view number] [filename]	Input: [SHORT], [STRING]	KIN_INVALID_VIEW KIN_FILE_NOT_FOUND KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Selects the specified image in the specified view. If filename is not specified, selects all images of the specified view. If view is not specified, a data point is required to identify the desired view and image. Note: The first Input parameter must be given to get a valid returned error code.	Image Manager > Tools > Image Control > Select Images / Active Image
IMGMANAGER IMAGE SETOFF <view>	Input: SHORT	KIN_NOIMAGE KIN_INVALID_VIEW KIN_SUCCESS	Sets the status of the active image to OFF.	Image Manager

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Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER IMAGE SETON <view>	Input: SHORT	KIN_NOIMAGE KIN_INVALID_VIEW KIN_SUCCESS	Sets the status of the active image to ON.	Image Manager
IMGMANAGER IMAGE UNSELECT [view number] [filename]	Input: SHORT, STRING	KIN_INVALID_VIEW KIN_FILE_NOT_FOUND KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Deselects the specified image in the specified view. If filename is not specified, applies to the selected images of the specified view. If view is not specified, all the selected images of all views are deselected.	
IMGMANAGER LOCATION GETDESC (description)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Location Description for the active image.	Image Manager > File > Properties > Location
IMGMANAGER LOCATION GETPIXSIZE (size)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Pixel Size value for the active image.	Image Manager > File> Properties > Location
IMGMANAGER LOCATION GETXORIGIN (originX)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the X Origin value for the active image.	Image Manager > File> Properties > Location
IMGMANAGER LOCATION GETYORIGIN (OriginY)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Y Origin value for the active image.	Image Manager > File> Properties > Location
IMGMANAGER LOCATION SETDESC <description>	Input: STRING	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the Location Description for the active image. (e.g.: 1:50.000)	Image Manager > File> Properties > Location

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER LOCATION SETPIXSIZE <size>	Input: STRING	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the Pixel Size value for the active image. (e.g.: 1:50.000)	Image Manager > File > Properties > Location
IMGMANAGER LOCATION SETXORIGIN <originX>	Input: STRING	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the X Origin value for the active image. (e.g.: 100:10.000)	Image Manager > File > Properties > Location
IMGMANAGER LOCATION SETYORIGIN <originY>	Input: STRING	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the Y Origin value for the active image. (e.g.: 100:10.000)	Image Manager > File > Properties > Location
IMGMANAGER MEMORY GETNUMFILETILES (count)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the number of Image File buffers.	Image Manager > Settings > Preferences > Memory
IMGMANAGER MEMORY GETNUMSCREENTILES (count)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the number of Screen Tile buffers.	Image Manager > Settings > Preferences > Memory
IMGMANAGER MEMORY GETXSIZESCREEN- TILED (X size)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Size in the X axis of Screen Tile buffers. (e.g.: 256)	Image Manager > Settings > Preferences > Memory
IMGMANAGER MEMORY GETYSIZESCREEN- TILED (Y size)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the Size in the Y axis of Screen Tile buffers. (e.g.: 256)	Image Manager > Settings > Preferences > Memory
IMGMANAGER MEMORY SETNUMFILETILES <count>	Input: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the Number of file buffers for the active image. (e.g.: 20)	Image Manager > Settings > Preferences > Memory

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Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER MEMORY SETNUMSCREEN- TILES <count>	Input: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the Number of Screen Tile buffers. (e.g.: 20)	Image Manager > Settings > Preferences > Memory
IMGMANAGER MEMORY SETXSIZESCREEN- TILED <X size>	Input: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the Size in the X axis of Screen Tile buffers. (e.g.: 256)	Image Manager > Settings > Preferences > Memory
IMGMANAGER MEMORY SETYSIZESCREEN- TILED <Y size>	Input: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the Size in the Y axis of Screen Tile buffers. (e.g.: 256)	Image Manager > Settings > Preferences > Memory
IMGMANAGER NEWIMAGE GETBACKCOLOR (Red) (Green) (Blue)	Output: SHORT SHORT SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the background color of the new image.	Idem
IMGMANAGER NEWIMAGE GETCOLUMNS (columns)	Output: LONG	KIN_INVALID_PARAM KIN_SUCCESS	Returns the number of columns of the new image.	Idem
IMGMANAGER NEWIMAGE GETCOMPRESSION (Compression Type)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the compression mode of the new image.	Idem
IMGMANAGER NEWIMAGE GETDESCRIPTION (Description)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the description of the new image.	Idem
IMGMANAGER NEWIMAGE GETLOCKCOLROW (State)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the status of the locking option for columns and rows when in interactive place mode (ON/OFF).	Idem

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER NEWIMAGE GETLOCKPIXELSIZE (State)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the status of the locking option for the pixel size when in interactive place mode (ON/OFF).	Idem
IMGMANAGER NEWIMAGE GETPIXELSIZE (PixelSize)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the pixel size of the new image in Working units. (ex: 1:150.000)	Idem
IMGMANAGER NEWIMAGE GETPLACEMODE (Place Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the place mode of the new image.	Idem
IMGMANAGER NEWIMAGE GETROW (rows)	Output: LONG	KIN_INVALID_PARAM KIN_SUCCESS	Returns the number of rows of the new image.	Idem
IMGMANAGER NEWIMAGE GETSAMEAS (FileName)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the file name of the image used as a template ("same as") for the new image.	Idem
IMGMANAGER NEWIMAGE GETTYPE (Type)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the type of the new image.	Idem
IMGMANAGER NEWIMAGE GETXORIGIN (Origin X)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns X the origin of the new image in Working units. (ex: 1:150.000)	Idem
IMGMANAGER NEWIMAGE GETYORIGIN (Origin Y)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the Y origin of the new image in Working units (ex: 1:150.000).	Idem

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Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER NEWIMAGE RESET	NONE	KIN_NOIMAGE KIN_SUCCESS	Resets the options of the new image to the value of the template ("same as") image.	Idem
IMGMANAGER NEWIMAGE SETBACKCOLOR < Red> < Green > < Blue >	Input: SHORT SHORT SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Sets the background color of the new image.	Idem
IMGMANAGER NEWIMAGE SETCOLUMNS <columns>	Input: LONG	KIN_INVALID_PARAM KIN_SUCCESS	Sets the number of columns of the new image.	Idem
IMGMANAGER NEWIMAGE SETCOMPRESSION < NONE DEFLATE PACKBITS CCITT3 CCITT4 >	Input: STRING	KIN_INVALID_PARAM KIN_PERM_DENIED KIN_SUCCESS	Sets the compression mode of the new image. If the type is "2COLORS", NONE, PACKBITS, CCITT3 and CCITT4 are available. If the type is "CONTINUOUSTONE", NONE and DEFLATE are available.	Idem
IMGMANAGER NEWIMAGE SETDESCRIPTION < Description >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the description of the new image.	Image Manager > File > New
IMGMANAGER NEWIMAGE SETLOCKCOLROW-OFF	NONE	KIN_ERROR KIN_SUCCESS	Sets the locking option of columns and rows to OFF when in interactive place mode.	Idem
IMGMANAGER NEWIMAGE SETLOCKCOLROW-ON	NONE	KIN_ERROR KIN_SUCCESS	Sets the locking option of columns and rows to ON when in interactive place mode.	Idem

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER NEWIMAGE SETLOCKPIXELSIZE OFF	NONE	KIN_ERROR KIN_SUCCESS	Sets the locking option of pixel size to OFF when in interactive place mode.	Idem
IMGMANAGER NEWIMAGE SETLOCKPIXELSIZE ON	NONE	KIN_ERROR KIN_SUCCESS	Sets the locking option of pixel size to ON when in interactive place mode.	Idem
IMGMANAGER NEWIMAGE SET- PIXELSIZE <PixelSize>	Input STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the pixel size of the new image in Working units. (ex: 1:150.000)	Idem
IMGMANAGER NEWIMAGE SETPLACEMODE <LOCATION INTERACTIVE>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the place mode of the new image.	Idem
IMGMANAGER NEWIMAGE SETROW <rows>	Input: LONG	KIN_INVALID_PARAM KIN_SUCCESS	Sets the number of rows of the new image.	Idem
IMGMANAGER NEWIMAGE SETSAMEAS [FileName]	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the file name of the image used as a template ("same as") for the new image. If no parameters are given, the file selection dialog is opened.	Idem
IMGMANAGER NEWIMAGE SETTYPE < 2COLORS CONTINUOUS- TONE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the type of the new image.	Idem

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Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER NEWIMAGE SETX- ORIGIN <Origin-X>	Input: STRING	KIN_PERM_DENIED KIN_INVALID_PARAM KIN_SUCCESS	Sets the X origin of the new image when the place mode is LOCATION. OriginX is in Working units (ex: 1:150.000).	Idem
IMGMANAGER NEWIMAGE SETY- ORIGIN <OriginY>	Input: STRING	KIN_PERM_DENIED KIN_INVALID_PARAM KIN_SUCCESS	Sets the Y origin of the new image when the place mode is LOCATION. OriginY is in Working units (ex: 1:150.000).	Idem
IMGMANAGER OPEN GETVIEW (view list)	Output: STRING	KIN_ERROR KIN_SUCCESS	Returns the views in which the image will be opened.	Image Manager > File> Open
IMGMANAGER OPEN SETVIEWOFF <view list>	Input: SHORT list	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Sets the views to OFF in which the image will be opened (ex: 1,2-4,8 for 1,2,3,4,8).	Image Manager > File> Open
IMGMANAGER OPEN SETVIEWON <view list>	Input: SHORT list	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Sets the views to ON in which the image will be opened (ex: 1,2-4,8 for 1,2,3,4,8).	Image Manager > File> Open
IMGMANAGER OPENCONFEXPORT GET	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the state (ON/OFF) of the opening warning dialog when the file can be opened but can not be modified.	Image Manager > File > Open
IMGMANAGER OPENCONFEXPORT SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Disables the opening of a warning dialog when the file can be opened but can not be modified.	Image Manager > File > Open
IMGMANAGER OPENCONFEXPORT SETON	NONE	KIN_ERROR KIN_SUCCESS	Enables the opening of a warning dialog when the file can be opened but can not be modified.	Image Manager > File > Open

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER OPENCONFINVALID FILE GET	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the status (ON/OFF) of the opening warning dialog when the file is invalid.	Image Manager > File > Open
IMGMANAGER OPENCONFINVALID FILE SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Disables the opening of a warning dialog when the file is invalid.	Image Manager > File > Open
IMGMANAGER OPENCONFINVALID FILE SETON	NONE	KIN_ERROR KIN_SUCCESS	Enables the opening of a warning dialog when the file is invalid.	Image Manager > File > Open
IMGMANAGER OPENCONFMORE32 GETONOFF	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the status (ON/OFF) of the opening of a warning dialog when the image uses more than 32 colors.	Image Manager > File > Open
IMGMANAGER OPENCONFMORE32 GETYESNO	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the default response for the image compression to 32 colors.	Image Manager > File > Open
IMGMANAGER OPENCONFMORE32 SETNO	NONE	KIN_ERROR KIN_SUCCESS	Disables the color compression of the image when it uses more than 32 colors.	Image Manager > File > Open
IMGMANAGER OPENCONFMORE32 SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Disables the opening of a warning dialog when the image uses more than 32 colors.	Image Manager > File > Open
IMGMANAGER OPENCONFMORE32 SETON	NONE	KIN_ERROR KIN_SUCCESS	Enables the opening of a warning dialog when the image uses more than 32 colors.	Image Manager > File > Open

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Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER OPENCONFMORE32 SETYES	NONE	KIN_ERROR KIN_SUCCESS	Enables the color compression of the image when it uses more than 32 colors.	Image Manager > File > Open
IMGMANAGER OPENCONFNOGEOR EF GETONOFF	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the status (ON/OFF) of the opening dialog when the file is not georeferenced.	Image Manager > File > Open
IMGMANAGER OPENCONFNOGEOR EF GETYESNO	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the default response for the interactive placing images when the file has no georeference.	Image Manager > File > Open
IMGMANAGER OPENCONFNOGEOR EF SETNO	NONE	KIN_ERROR KIN_SUCCESS	Indicates that the image should not be placed interactively when not georeferenced. Same as selecting NO in the dialog.	Image Manager > File > Open
IMGMANAGER OPENCONFNOGEOR EF SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Disables the opening of a dialog when the file is not georeferenced.	Image Manager > File > Open
IMGMANAGER OPENCONFNOGEOR EF SETON	NONE	KIN_ERROR KIN_SUCCESS	Enables the opening of a dialog when the file is not georeferenced.	Image Manager > File > Open
IMGMANAGER OPENCONFNOGEOR EF SETYES	NONE	KIN_ERROR KIN_SUCCESS	Indicates that the image must be placed interactively when not georeferenced. Same as selecting YES in the dialog.	Image Manager > File > Open
IMGMANAGER OPENCONFNOTSUP PORTED SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Disables the opening of a warning dialog when the file format is not supported.	Image Manager > File > Open

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER OPENCONFNOTSUPPORTED SETON	NONE	KIN_ERROR KIN_SUCCESS	Enables the opening of a warning dialog when the file format is not supported.	Image Manager > File > Open
IMGMANAGER OPENCONFREAD-ONLY GET	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the state (ON/OFF) of the opening warning dialog when the file is read only.	Image Manager > File > Open
IMGMANAGER OPENCONFREAD-ONLY SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Disables the opening of a warning dialog when the file is read only.	Image Manager > File > Open
IMGMANAGER OPENCONFREAD-ONLY SETON	NONE	KIN_ERROR KIN_SUCCESS	Enables the opening of a warning dialog when the file is read only.	Image Manager > File > Open
IMGMANAGER OPENCONFSUPPORTED GET	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the status (ON/OFF) of the opening warning dialog when the file format is not supported.	Image Manager > File > Open
IMGMANAGER PLOT8788 GET (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the status of plotting for Design elements of type 87 and 88.	
IMGMANAGER PLOT8788 SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Disables the plotting of Design elements of type 87 and 88.	
IMGMANAGER PLOT8788 SETON	NONE	KIN_ERROR KIN_SUCCESS	Enables the plotting of Design elements of type 87 and 88.	
IMGMANAGER SAVEAS COLORCOMPGET-FILE (filename)	Output: STRING	KIN_SUCCESS KIN_INVALID_PARAM KIN_ERROR	Returns the name of the color cube file created or used in the color compression process.	Image Manager > File> Save As

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Image Manager Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SAVEAS COLORCOMPGET- MODE (mode)	Output: STRING	KIN_SUCCESS KIN_INVALID_PARAM KIN_ERROR	Returns the color compression mode. Modes are STANDARD, CUSTOM and CREATE.	Image Manager > File> Save As
IMGMANAGER SAVEAS COLORCOMPGETNB COLOR (nb colors)	Output: SHORT	KIN_SUCCESS KIN_INVALID_PARAM KIN_ERROR	Returns the number of colors used in the color compression.	Image Manager > File> Save As
IMGMANAGER SAVEAS COLORCOMPSET- FILE <filename>	Input: STRING	KIN_SUCCESS KIN_INVALID_PARAM KIN_FILE_EXIST KIN_ERROR	Sets the name of the color cube file created or used in the color compression process.	Image Manager > File> Save As
IMGMANAGER SAVEAS COLORCOMPSETMO DE <STANDARD CUSTOM CREATE>	Input: STRING	KIN_SUCCESS KIN_INVALID_PARAM KIN_ERROR	Sets the color compression mode.	Image Manager > File> Save As
IMGMANAGER SAVEAS COLORCOMPSETNB COLOR <nb colors>	Input: SHORT	KIN_SUCCESS KIN_INVALID_COLOR KIN_ERROR	Sets the number of colors used in the color compression.	Image Manager > File> Save As
IMGMANAGER SAVEAS SETOUTPUTSET- TING <Extension> <Pixel Type> <Compression>	Input: STRING STRING STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Sets the setting (Extension, Pixel Type and Compression) for the output file (see "Image File Formats" on page A-120 for available options).	Image Manager > File > Save As
IMGMANAGER SAVEASCOT GETTILED (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the tiling status for the creation of a COT file.	Image Manager > File > Save As
IMGMANAGER SAVEASCOT SETTILEDOFF	NONE	KIN_SUCCESS	Sets the tiling to OFF for the creation of a COT file.	Image Manager > File > Save As

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER SAVEASCOT SETTILEDON	NONE	KIN_SUCCESS	Sets the tiling to ON for the creation of a COT file.	Image Manager > File > Save As
IMGMANAGER SAVEASTIF GETTILED (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the tiling status for the creation of a TIFF file.	Image Manager > File > Save As
IMGMANAGER SAVEASTIF SETTILEDOFF	NONE	KIN_SUCCESS	Sets the tiling to OFF for the creation of a TIFF file.	Image Manager > File > Save As
IMGMANAGER SAVEASTIF SETTILEDON	NONE	KIN_SUCCESS	Sets the tiling to ON for the creation of a TIFF file.	Image Manager > File > Save As
IMGMANAGER TOOLCONTROL CLOSE	NONE	KIN_SUCCESS	Closes the Image Control tool box.	Image Manager > Tool > Image Control
IMGMANAGER TOOLCONTROL OPEN	NONE	KIN_SUCCESS	Opens the Image Control tool box.	Image Manager > Tool > Image Control
IMGMANAGER TOOLFILE CLOSE	NONE	KIN_SUCCESS	Closes the Image File tool box.	Image Manager > Tool> Image File
IMGMANAGER TOOLFILE OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Image File tool box.	Image Manager > Tool> Image File
IMGMANAGER VIEWBORDER GET <view> (status)	Input: SHORT Output: SHORT	KIN_INVALID_PARAM KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Returns the border status of images (ON/OFF) in the specified view.	Image Manager > Settings > View Image Attributes
IMGMANAGER VIEWBORDER SETOFF <view list>	Input: SHORT list	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Sets the border of images to OFF in the specified views (ex: 1,2-4,8 for 1,2,3,4,8).	Image Manager > Settings > View Image Attributes

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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER VIEWBORDER SETON <view list>	Input: SHORT list	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Sets the border of images to ON in the specified views (ex: 1,2-4,8 for 1,2,3,4,8).	Image Manager > Settings > View Image Attributes
IMGMANAGER VIEWROTATION GET <view> (status)	Input: SHORT Output: SHORT	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Returns the status of Rotation of images (ON/OFF) in the specified view.	Image Manager > Settings > View Image Attributes
IMGMANAGER VIEWROTATION SETOFF <view list>	Input: SHORT list	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Sets the Rotation of images to OFF in the specified views (ex: 1,2-4,8 for 1,2,3,4,8).	Image Manager > Settings > View Image Attributes
IMGMANAGER VIEWROTATION SETON <view list>	Input: SHORT list	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Sets the Rotation of images to ON in the specified views (ex: 1,2-4,8 for 1,2,3,4,8).	Image Manager > Settings > View Image Attributes
IMGMANAGER VIEWTRSLUCENCY GET <view> (status)	Input: SHORT Output: SHORT	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Returns the Translucency status of images (ON/OFF) in the specified view.	Image Manager > Settings > View Image Attributes
IMGMANAGER VIEWTRSLUCENCY SETOFF <view list>	Input: SHORT list	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Sets the Translucency of images to OFF in the specified views (ex: 1,2-4,8 for 1,2,3,4,8).	Image Manager > Settings > View Image Attributes
IMGMANAGER VIEWTRSLUCENCY SETON <view list>	Input: SHORT list	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Sets the Translucency of images to ON in the specified views (ex: 1,2-4,8 for 1,2,3,4,8).	Image Manager > Settings > View Image Attributes
IMGMANAGER VIEWTRSPARENCY GET <view> (status)	Input: SHORT Output: SHORT	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Returns the Transparency status of images (ON/OFF) in the specified view.	Image Manager > Settings > View Image Attributes

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGMANAGER VIEWTRSPARENCY SETOFF <view list>	Input: SHORT list	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Sets the Transparency of images to OFF in the specified views (ex: 1,2-4,8 for 1,2,3,4,8).	Image Manager > Settings > View Image Attributes
IMGMANAGER VIEWTRSPARENCY SETON <view list>	Input: SHORT list	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Sets the Transparency of images to ON in the specified views (ex: 1,2-4,8 for 1,2,3,4,8).	Image Manager > Settings > View Image Attributes
IMGMANAGER VIEWVISIBLE GET <view> (status)	Input: SHORT Output: SHORT	KIN_INVALID_PARAM KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Returns the status of Visibility of images (ON/OFF) in the specified view.	Image Manager > Settings > View Image Attributes
IMGMANAGER VIEWVISIBLE SETOFF <view list>	Input: SHORT list	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Sets the Visibility of images to OFF in the specified views (ex: 1,2-4,8 for 1,2,3,4,8).	Image Manager > Settings > View Image Attributes
IMGMANAGER VIEWVISIBLE SETON <view list>	Input: SHORT list	KIN_INVALID_VIEW KIN_ERROR KIN_SUCCESS	Sets the Visibility of images to ON in the specified views (ex: 1,2-4,8 for 1,2,3,4,8).	Image Manager > Settings > View Image Attributes

Image File Formats

File Format Name	File Extension	Pixel Type	Data Compression
HMR	HMR	2COLORS	NONE PACKBITS CCITT3 CCITT4
HMR	HMR	256COLORS	NONE DEFLATE
HMR	HMR	GRAYSCALE	NONE DEFLATE
Img (24 bit)	A	24BITCOLOR	DEFAULT
Img File	P	16COLORS 256COLORS GRAYSCALE	DEFAULT
Intergraph CIT	CIT	2COLORS	CCITT4
Intergraph COT	COT	256 Colors	NONE
Intergraph COT	COT	GRAYSCALE	NONE
Intergraph RGB	RGB	24BITCOLOR	DEFAULT
Intergraph RLE	RLE	2COLORS	RLE
JPEG	JPG	24BITCOLOR GRAYSCALE	JPEG
PCX	PCX	16COLORS 256COLORS GRAYSCALE	DEFAULT
SUN Raster file	RS	256COLORS GRAYSCALE	DEFAULT
TARGA	TGA	24BITCOLOR	DEFAULT
TIF	TIF	24BITCOLOR	NONE DEFLATE
TIF	TIF	256COLORS	NONE DEFLATE
TIF	TIF	GRAYSCALE	NONE DEFLATE
TIF	TIF	2COLORS	NONE PACKBITS CCITT3 CCITT4

MicroStation Descartes Key-in Tables

Image File Formats

Windows BMP	BMP	16COLORS 24BITCOLOR GRAYSCALE	256COLORS DEFAULT
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Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER COL-ORCTLPTS GETBASE (ColorNumber)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the Base Control Point color index.	Image Manager > Utilities > Register > Settings > Color for Control Points
IMGREGISTER COL-ORCTLPTS GETUNCORRECT (ColorNumber)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the Uncorrected Control Point color index.	Image Manager > Utilities > Register > Settings > Color for Control Points
IMGREGISTER COL-ORCTLPTS SETBASE <ColorNumber>	Input: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Sets the Base Control Point color index.	Image Manager > Utilities > Register > Settings > Color for Control Points
IMGREGISTER COL-ORCTLPTS SETUNCORRECT <ColorNumber>	Input: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Sets the Uncorrected Control Point color index.	Image Manager > Utilities > Register > Settings > Color for Control Points
IMGREGISTER CONTPT ADD [<State> <BaseX> <BaseY> <UncorX> <UncorY>]	Input: STRING STRING STRING STRING	KIN_INVALID_PARAM KIN_SUCCESS	Add a new control point to the current transformation model. If no parameters are specified, the "Add Control Points" dialog is opened. State can have the value "ON" or "OFF". Coordinates are in working units (ex: 1:150.000).	Image Manager > Utilities > Register > Edit > Add Control Points

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER CONTPT DELETE	NONE	KIN_SUCCESS	Starts the Delete Control Points command.	Image Manager > Tools > Register
IMGREGISTER CONTPT DELETE-CURRENT	NONE	KIN_SUCCESS	Delete the current control point pair in the Register dialog.	Image Manager > Utilities > Register > Edit > Delete Control Points
IMGREGISTER CONTPT GETCOORDS (BaseX) (BaseY) (UncorX) (UncorY)	Output: STRING STRING STRING STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the coordinates of the current control point in the Register dialog. Coordinates are in working units (ex: 1:150.000).	Image Manager > Utilities > Register
IMGREGISTER CONTPT GETCURRENT (PointNumber)	Output: LONG	KIN_INVALID_PARAM KIN_SUCCESS	Returns the number of the current control point. Numbers start at 1.	Image Manager > Utilities > Register
IMGREGISTER CONTPT GETONOFF (Status)	Output: SHORT	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Returns the Status of the current control point. (ON/OFF).	Image Manager > Utilities > Register
IMGREGISTER CONTPT HIGHLIGHT	NONE	KIN_SUCCESS	Highlight the current control point.	Image Manager > Utilities > Register > Edit > Highlight Control Points
IMGREGISTER CONTPT LOCATE	NONE	KIN_SUCCESS	Locate the current control point in the views used to locate control points.	Image Manager > Utilities > Register > Edit > Locate Control Points

MicroStation Descartes Key-in Tables

Register Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER CONTPT MODIFY <BaseX> <BaseY> <UncorX> <UncorY>	Input: STRING STRING STRING STRING	KIN_INVALID_PARAM KIN_SUCCESS	Modify the coordinates of the current control point. If no parameters are specified, the "Modify Control Points" dialog is opened. Coordinates are in Working units (ex: 1:150.000).	Image Manager > Utilities > Register > Edit > Modify Control Points
IMGREGISTER CONTPT MOVE	NONE	KIN_SUCCESS	Starts the Move Control Point command.	Image Manager > Tools > Register > Move Control Point
IMGREGISTER CONTPT PLACE	NONE	KIN_SUCCESS	Starts the Place Control Points command.	Image Manager > Tools > Register > Place Control Point
IMGREGISTER CONTPT SETCURRENT <PointNumber>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the current control point to the specified number. Numbers start at 1.	Image Manager > Utilities > Register
IMGREGISTER CONTPT SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the current control point to OFF.	Image Manager > Utilities > Register
IMGREGISTER CONTPT SETON	NONE	KIN_ERROR KIN_SUCCESS	Set the current control point to ON.	Image Manager > Utilities > Register
IMGREGISTER DIA- LOG CLOSE	NONE	KIN_ERROR KIN_SUCCESS	Closes the Register dialog.	Image Manager > Utilities > Register
IMGREGISTER DIA- LOG OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens the Register dialog.	Image Manager > Utilities > Register

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER DIS-PLOCPTS GET (ViewNumber)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns a list of view numbers (separated with comma) that are enabled for the locate function.	Image Manager > Utilities > Register > View> Views Used to Locate Control Points
IMGREGISTER DIS-PLOCPTS SETOFF <ViewList>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the specified views to OFF for the locate function. The view list is a string containing a list of numbers separated with commas.	Image Manager > Utilities > Register > View> Views Used to Locate Control Points
IMGREGISTER DIS-PLOCPTS SETON <ViewList>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the specified views to ON for the locate function. The view list is a string containing a list of numbers separated with commas.	Image Manager > Utilities > Register > View> Views Used to Locate ...
IMGREGISTER DISP-NONWARP GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the status of "Also Display Non Warped Elements" (ON/OFF).	Image Manager > Utilities > Register > View> Views Displaying Uncorrected Data
IMGREGISTER DISP-NONWARP SETOFF	NONE	KIN_SUCCESS	Sets the status of "Also Display Non Warped Elements" to Off.	Image Manager > Utilities > Register > View> Views Displaying Uncorrected Data
IMGREGISTER DISP-NONWARP SETON	NONE	KIN_SUCCESS	Sets the status of "Also Display Non Warped Elements" to On.	Image Manager > Utilities > Register > View> Views Displaying Uncorrected Data

MicroStation Descartes Key-in Tables

Register Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER DISPUNCORPTS GET (ViewList)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns a list of view numbers (separated with comma) that are enabled for displaying uncorrected data.	Image Manager > Utilities > Register > View > Views Displaying Uncorrected Data
IMGREGISTER DISPUNCORPTS SETOFF <ViewList>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the specified views to ON for the displaying of uncorrected data. The view list is a string containing a list of numbers separated with commas.	Image Manager > Utilities > Register > View > Views Displaying Uncorrected Data
IMGREGISTER DISPUNCORPTS SETON <ViewList>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the specified views to OFF for the displaying of uncorrected data. The view list is a string containing a list of numbers separated with commas.	Image Manager > Utilities > Register > View > Views Displaying Uncorrected Data
IMGREGISTER DLGCOLORPTS OPEN	NONE	KIN_SUCCESS	Open the "Colors for Control Points" dialog.	Image Manager > Utilities > Register > Settings > Colors for Control Points
IMGREGISTER DLGELSESELECT OPEN	NONE	KIN_SUCCESS	Open the "Elements Transformation" dialog.	Image Manager > Utilities > Register > Settings > Elements Transformation
IMGREGISTER DLGLOCPTS OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the "Views Used to Locate Control Points" dialog.	Image Manager > Utilities > Register > View > Views Used to Locate ...

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER DLGRSP CLOSE	NONE	KIN_ERROR KIN_SUCCESS	Close the “Resampling” dialog.	Image Manager > Utilities > Register > Apply> To Image
IMGREGISTER DLGRSP OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the “Resampling” dialog.	Image Manager > Utilities > Register > Apply> To Image
IMGREGISTER DLGUNCORPTS OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the “Views Displaying Uncorrected Data” dialog.	Image Manager > Utilities > Register > View> Views Displaying Uncorrected Data
IMGREGISTER DLG- WARPING OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the “Warping Window” dialog.	Image Manager > Utilities > Register > View> Warping Window
IMGREGISTER DYN- WARPING GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns status of Dynamic Warping. (ON/OFF)	Image Manager > Utilities > Register > View> Dynamic Warping
IMGREGISTER DYN- WARPING SETOFF	NONE	KIN_SUCCESS	Sets the Dynamic Warping status to OFF.	Image Manager > Utilities > Register > View> Dynamic Warping
IMGREGISTER DYN- WARPING SETON	NONE	KIN_SUCCESS	Sets the Dynamic Warping status to ON.	Image Manager > Utilities > Register > View> Dynamic Warping

MicroStation Descartes Key-in Tables

Register Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER ELSE-LECT GETARCMODE (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the ARC transformation mode.	Image Manager > Utilities > Register > Settings > Elements Transformation
IMGREGISTER ELSE-LECT GETARCTOL (Tolerance)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the tolerance used when stroking ARC elements. Tolerance is in Working units (ex: 1:150.000).	Idem
IMGREGISTER ELSE-LECT GETBSPLINE (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the B-SPLINE transformation mode.	Idem
IMGREGISTER ELSE-LECT GETCCHAIN (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the COMPLEX CHAIN transformation mode.	Idem
IMGREGISTER ELSE-LECT GETCELL (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the CELL transformation mode.	Idem
IMGREGISTER ELSE-LECT GETCSHAPE (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the COMPLEX SHAPE transformation mode.	Idem
IMGREGISTER ELSE-LECT GETCURVE (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the CURVE transformation mode.	Idem
IMGREGISTER ELSE-LECT GETELLMODE (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the ELLIPSE transformation mode.	Idem
IMGREGISTER ELSE-LECT GETELLTOL (Tolerance)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the tolerance used when stroking ELLIPSE elements in Working units (ex: 1:150.000).	Idem

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER ELSE-LECT GETLINE (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the LINE transformation mode.	Idem
IMGREGISTER ELSE-LECT GETNODE-TEXT (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the NODE TEXT transformation mode.	Idem
IMGREGISTER ELSE-LECT GETSCCELL (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the SHARED CELL transformation mode.	Idem
IMGREGISTER ELSE-LECT GETSHAPE (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the SHAPE transformation mode.	Idem
IMGREGISTER ELSE-LECT GETSTRING (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the STRING transformation mode.	Idem
IMGREGISTER ELSE-LECT GETTEXT (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the TEXT transformation mode.	Idem
IMGREGISTER ELSE-LECT SETARCMODE < STROKALLCOORD NONE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the transformation mode for ARC elements.	Idem
IMGREGISTER ELSE-LECT SETARCTOL <Tolerance >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the tolerance for ARC elements. Tolerance is in Working Units. (ex: 1:150:000)	Idem
IMGREGISTER ELSE-LECT SETBSPLINE < ALLCOORD NONE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the transformation mode for B-SPLINE elements.	Idem
IMGREGISTER ELSE-LECT SETCCHAIN < ALLCOORD NONE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the transformation mode for COMPLEX CHAIN elements.	Idem

MicroStation Descartes Key-in Tables

Register Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER ELSE-LECT SETCELL < ALLCOORD NONE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the transformation mode for CELL elements.	Idem
IMGREGISTER ELSE-LECT SETCSHAPE < ALLCOORD NONE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the transformation mode for COMPLEX SHAPE elements.	Idem
IMGREGISTER ELSE-LECT SETCURVE < ALLCOORD NONE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the transformation mode for CURVE elements.	Idem
IMGREGISTER ELSE-LECT SETELLMODE < STROKALLCOORD NONE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the transformation mode for ELLIPSE elements.	Idem
IMGREGISTER ELSE-LECT SETELLTOL <Tolerance >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the transformation mode for ELLIPSE elements. Tolerance is in Working Units (ex: 1:150:000).	Idem
IMGREGISTER ELSE-LECT SETLINE < ALLCOORD NONE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the transformation mode for LINE elements.	Idem
IMGREGISTER ELSE-LECT SETNODETEXT < ORIGINONLY NONE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the transformation mode for NODE TEXT elements.	Idem
IMGREGISTER ELSE-LECT SETSCCELL < ORIGINONLY NONE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the transformation mode for SHARED CELL elements.	Idem

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER ELSE-LECT SETSHAPE < ALLCOORD NONE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the transformation mode for SHAPE elements.	Idem
IMGREGISTER ELSE-LECT SETSTRING < ALLCOORD NONE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the transformation mode for STRING elements.	Idem
IMGREGISTER ELSE-LECT SETTEXT < ORIGINONLY NONE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the transformation mode for TEXT elements.	Idem
IMGREGISTER FILE GET (FileName)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the current Register file. Returns UNTITLED if none is opened.	Image Manager > Utilities > Register > File
IMGREGISTER FILE NEW	NONE	KIN_SUCCESS	Create a new Register file.	Image Manager > Utilities > Register > File
IMGREGISTER FILE OPEN [FileName]	Input: STRING	KIN_ERROR KIN_SUCCESS	Open the specified existing Register file. If FileName is not specified, opens a File Selection dialog.	Image Manager > Utilities > Register > File
IMGREGISTER FILE SAVE	NONE	KIN_SUCCESS	Save changes to the current Register file.	Image Manager > Utilities > Register > File
IMGREGISTER FILE SAVEAS [FileName]	Input: STRING	KIN_ERROR KIN_SUCCESS	Save the current Register file in the specified file. If FileName is not specified, opens a File Creation dialog.	Image Manager > Utilities > Register > File

MicroStation Descartes Key-in Tables

Register Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER IMG-VERSION GET (version) (subversion) (revision) (subrevision)	Output: SHORT SHORT SHORT SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the version, subversion, revision and subrevision of the minimal Descartes required to run this version of Register.	
IMGREGISTER MODEL GET (ModelName)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the name of the current transformation model.	Image Manager > Utilities > Register
IMGREGISTER MODEL SETAFFINE1	NONE	KIN_SUCCESS	Set the current transformation model to AFFINE-1.	Image Manager > Utilities > Register
IMGREGISTER MODEL SETHelmet	NONE	KIN_SUCCESS	Set the current transformation model to HELMET.	Image Manager > Utilities > Register
IMGREGISTER MODEL SETPOLY2	NONE	KIN_SUCCESS	Set the current transformation model to POLYNOMIAL-2.	Image Manager > Utilities > Register
IMGREGISTER MODEL SETPOLY3	NONE	KIN_SUCCESS	Set the current transformation model to POLYNOMIAL-3.	Image Manager > Utilities > Register
IMGREGISTER MODEL SETPROJECTIVE	NONE	KIN_SUCCESS	Set the current transformation model to PROJECTIVE.	Image Manager > Utilities > Register
IMGREGISTER MODEL SETSIMILITUDE	NONE	KIN_SUCCESS	Set the current transformation model to SIMILITUDE.	Image Manager > Utilities > Register
IMGREGISTER RESAMPLE IMAGE	NONE	KIN_ERROR KIN_SUCCESS	Prepares a resampling page with the active image and the current transformation model.	Image Manager > Tools > Register > Resample Image
IMGREGISTER RSPBG-COLOR GET (Color)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the background color used when resampling.	Image Manager > Utilities > Register > Apply > To Image

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER RSPB-GCOLOR SET <Color>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the background color used when resampling.	Idem
IMGREGISTER RSP-COLOMAX GET (Color)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the maximum limit for colors when resampling.	Idem
IMGREGISTER RSP-COLOMAX SET <Color>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the maximum limit for colors when resampling.	Idem
IMGREGISTER RSP-COLOMIN GET (Color)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the minimum limit for colors when resampling.	Idem
IMGREGISTER RSP-COLOMIN SET <Color>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the minimum limit for colors when resampling.	Idem
IMGREGISTER RSP-COMPRESSION GET (Compression)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the file compression type for the output image.	Idem
IMGREGISTER RSP-COMPRESSION SET <NONE PACKBITS DEFLATE CCITT3 CCITT4>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the file compression type for the output image.	Idem
IMGREGISTER RSPCONFIRM GET (State)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the status (ON/OFF) of the opening of warning dialogs for the resampling process.	Image Manager > Register > Apply > To Image
IMGREGISTER RSPCONFIRM SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Disable the opening of warning dialogs for the resampling process.	Idem
IMGREGISTER RSPCONFIRM SETON	NONE	KIN_ERROR KIN_SUCCESS	Enable the opening of warning dialogs for the resampling process.	Idem

MicroStation Descartes Key-in Tables

Register Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER RSP- FILE CLOSE	NONE	KIN_ERROR KIN_SUCCESS	Close the file.	Image Manager > Utilities > Register > Apply> To Image > File
IMGREGISTER RSP- FILE NEW	NONE	KIN_ERROR KIN_SUCCESS	Create a new Resam- pling file.	Image Manager > Utilities > Register > Apply> To Image > File
IMGREGISTER RSP- FILE OPEN [FileName]	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Open an existing Resa- mpling file.	Image Manager > Utilities > Register > Apply> To Image > File
IMGREGISTER RSP- FILE SAVE	NONE	KIN_ERROR KIN_SUCCESS	Save changes to the current Resampling file.	Image Manager > Utilities > Register > Apply> To Image > File
IMGREGISTER RSP- FILE SAVEAS [FileName]	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Save the current Resa- mpling file in the speci- fied file. If FileName is not specified, the File Creation dialog is opened.	Image Manager > Utilities > Register > Apply> To Image > File
IMGREGISTER RSPINDIMX SET <DimensionX>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the X dimension of the input window. DimensionX is in Work- ing Units (ex: 1:500.000).	Idem
IMGREGISTER RSPINDIMY GET (DimensionY)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the Y dimen- sion of the input win- dow. DimensionY is in Work- ing Units (ex: 1:500.000).	Idem

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER RSPINDIMY SET <DimensionY>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the Y dimension of the input window. DimensionY is in Working Units (ex: 1:500.000).	Idem
IMGREGISTER RSPINORIGINX GET (OriginX)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the X origin of the input window. OriginX is in Working Units (ex: 1:500.000).	Idem
IMGREGISTER RSPINORIGINX SET <OriginX>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the X origin of the input window. OriginX is in Working Units (ex: 1:500.000).	Idem
IMGREGISTER RSPINORIGINY GET (OriginY)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the Y origin of the input window. OriginY is in Working Units (ex: 1:500.000).	Idem
IMGREGISTER RSPINORIGINY SET <OriginY>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the Y origin of the input window. OriginY is in Working Units (ex: 1:500.000).	Idem
IMGREGISTER RSPINPUT SET [File-Name]	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the input image with the specified file. If FileName is not specified, the File Selection dialog is opened.	Idem
IMGREGISTER RSP-MODEL GET (File-Name)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the file name of the model.	Idem
IMGREGISTER RSP-MODEL SET [File-Name]	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the model with the specified file. If File-Name is not specified, the File Selection dialog is opened.	Idem

MicroStation Descartes Key-in Tables

Register Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER RSPOUTDIMX GET (DimensionX)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the X dimension of the output window. DimensionX is in Working Units (ex: 1:500.000).	Image Manager > Utilities > Register > Apply > To Image > Window Input
IMGREGISTER RSPOUTDIMX SET <DimensionX>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the X dimension of the output window. DimensionX is in Working Units (ex: 1:500.000).	Idem
IMGREGISTER RSPOUTDIMY GET (DimensionY)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the Y dimension of the output window. DimensionY is in Working Units (ex: 1:500.000).	Idem
IMGREGISTER RSPOUTDIMY SET <DimensionY>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the Y dimension of the output window. DimensionY is in Working Units (ex: 1:500.000).	Idem
IMGREGISTER RSP- UTORIGINX GET (OriginX)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the X origin of the output window. OriginX is in Working Units (ex: 1:500.000).	Idem
IMGREGISTER RSP- UTORIGINX SET <OriginX>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the X origin of the output window. OriginX is in Working Units (ex: 1:500.000)	Idem
IMGREGISTER RSP- UTORIGINY GET (OriginY)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the Y origin of the output window. OriginY is in Working Units (ex: 1:500.000)	Idem

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER RSP- UTORIGINY SET <OriginY>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the Y origin of the output window. OriginY is in Working Units (ex: 1:500.000)	Idem
IMGREGISTER RSP- OUTPUT GET (FileName)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the file name of the output image.	Image Manager > Utilities > Register > Apply > To Image >
IMGREGISTER RSP- OUTPUT SET [FileName]	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the output image with the specified file. If FileName is not specified, the File Selection dialog is opened.	Idem
IMGREGISTER RSP- PAGE DELETE	NONE	KIN_INVALID_PARAM KIN_SUCCESS	Delete the current resampling page.	Image Manager > Utilities > Register > Apply > To Image > Job manager
IMGREGISTER RSP- PAGE DELETEALL	NONE	KIN_INVALID_PARAM KIN_SUCCESS	Delete all resampling pages.	Idem
IMGREGISTER RSP- PAGE DOWN	NONE	KIN_INVALID_PARAM KIN_SUCCESS	Goes to the next resampling page.	Idem
IMGREGISTER RSP- PAGE EDIT <File- Name>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Goes to the page where the output image has the same name as the specified FileName. If none is found, a new page is added with the specified FileName for the output image.	Idem
IMGREGISTER RSP- PAGE GETCURRENT (Number)	Output: LONG	KIN_INVALID_PARAM KIN_SUCCESS	Returns the number of the current resampling page.	Idem

MicroStation Descartes Key-in Tables

Register Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER RSP-PAGE GETNBTOTAL (Total)	Output: LONG	KIN_INVALID_PARAM KIN_SUCCESS	Returns the count of resampling pages.	Idem
IMGREGISTER RSP-PAGE RUN	NONE	KIN_INVALID_PARAM KIN_SUCCESS	Run the resampling of the current page.	Idem
IMGREGISTER RSP-PAGE RUNALL	NONE	KIN_INVALID_PARAM KIN_SUCCESS	Run the resampling for all pages.	Idem
IMGREGISTER RSP-PAGE SETCURRENT <page>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the current page to the specified number.	Idem
IMGREGISTER RSP-PAGE UP	NONE	KIN_INVALID_PARAM KIN_SUCCESS	Goes to the previous resampling page.	Idem
IMGREGISTER RSP-PIXELSIZE GET (PixelSize)	Output: DOUBLE	KIN_INVALID_PARAM KIN_SUCCESS	Returns the current pixel size.	Image Manager > Utilities > Register > Apply > To Image > Resampling
IMGREGISTER RSP-PIXELSIZE SET <PixelSize>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the current pixel size.	Idem
IMGREGISTER RSPREPORT GET (text)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Gets the report text for the current resampling page.	Image Manager > Utilities > Register > Apply > To Image > Job manager
IMGREGISTER RSP-TYPE GET (type)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the type of resampling (NEAREST, BILINEAR or CUBIC).	Image Manager > Utilities > Register > Apply > To Image > Resampling

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER RSP-TYPE SET <NEAREST BILINEAR CUBIC>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the type of resampling.	Idem
IMGREGISTER RSP-WINDOW GET (Type)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the type of window extent (ALL or WARPING or INPUT or OUTPUT).	Image Manager > Utilities > Register > Apply > Window
IMGREGISTER RSP-WINDOW SET <ALL WARPING INPUT OUTPUT>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the type of window extent.	Idem
IMGREGISTER SHOWCTLPTS GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the status of the Show Control Points option. (ON/OFF)	Image Manager > Utilities > Register > View > Show Control Points
IMGREGISTER SHOWCTLPTS SET-OFF	NONE	KIN_SUCCESS	Sets the Show Control Point option to OFF.	Idem
IMGREGISTER SHOWCTLPTS SETON	NONE	KIN_SUCCESS	Sets the Show Control Point option to ON.	Idem
IMGREGISTER TOLERANCEMETER GET (tolerance)	Output: DOUBLE	KIN_INVALID_PARAM KIN_SUCCESS	Returns the tolerance used for the precision of the model resolution (in meters).	
IMGREGISTER TOLERANCEMETER SET <tolerance>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the tolerance used for the precision of the model resolution (in meters).	
IMGREGISTER TOLERANCERADIAN GET (tolerance)	Output: DOUBLE	KIN_INVALID_PARAM KIN_SUCCESS	Returns the tolerance used for the precision of the model resolution (in radians).	

MicroStation Descartes Key-in Tables

Register Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER TOLERANCERADIAN SET <tolerance>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the tolerance used for the precision of the model resolution (in radians).	
IMGREGISTER TOOLFILE CLOSE	NONE	KIN_SUCCESS	Close the Register File tool box.	Image Manager > Tools > Register File
IMGREGISTER TOOLFILE OPEN	NONE	KIN_SUCCESS	Open the Register File tool box.	Image Manager > Tools > Register File
IMGREGISTER TOOLREGISTER CLOSE	NONE	KIN_ERROR KIN_SUCCESS	Close the Register tool box.	Image Manager > Tools > Register
IMGREGISTER TOOLREGISTER OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the Register tool box.	Image Manager > Tools > Register
IMGREGISTER TOOLRESAMPLING CLOSE	NONE	KIN_SUCCESS	Close the Resampling File tool box.	Image Manager > Tools > Resampling File
IMGREGISTER TOOLRESAMPLING OPEN	NONE	KIN_SUCCESS	Open the Resampling File tool box.	Image Manager > Tools > Resampling File
IMGREGISTER VECTORS COPY	NONE	KIN_SUCCESS	Starts the Copy Vector command.	Image Manager > Tools > Register
IMGREGISTER VECTORS GETMODE (mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the direction of the transformation (BaseToUncorrect or UncorrectToBase).	Image Manager > Tools > Register > Copy or Move Vector
IMGREGISTER VECTORS MOVE			Starts the Move Vector command.	Image Manager > Tools > Register

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER VECTORS SETBASE-TOUNCORRECT	NONE	KIN_SUCCESS	Set the transformation direction to BaseToUncorrect.	Image Manager > Tools > Register > Copy or Move Vector
IMGREGISTER VECTORS SETUNCORRECTTOBASE	NONE	KIN_SUCCESS	Set the transformation direction to UncorrectToBase.	Image Manager > Tools > Register > Copy or Move Vector
IMGREGISTER VERSION GET (version) (subversion) (revision) (subrevision)	Output: SHORT SHORT SHORT SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the current version, subversion, revision and subrevision of the module Register.	
IMGREGISTER WARNING GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the status of Warning when Renumbering option (ON/OFF).	Image Manager > Utilities > Register > Settings > Warning when Renumbering
IMGREGISTER WARNING SETOFF	NONE	KIN_SUCCESS	Sets Warning when Renumbering option to OFF.	Idem
IMGREGISTER WARNING SETON	NONE	KIN_SUCCESS	Sets Warning when Renumbering option to ON.	Idem
IMGREGISTER WARPING GETMODE (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the warping window mode (NOEXTEND or BASE or MARKS or USERSPECIFIED).	Image Manager > Utilities > Register > View > Warping Window
IMGREGISTER WARPING GETPLUSMINUS (Percent)	Output: DOUBLE	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Returns the percentage of increase/decrease of the warping window.	Idem

MicroStation Descartes Key-in Tables

Register Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER WARP- ING GETXDIMEN- SION (DimensionX)	Output: DOUBLE	KIN_INVALID_PARAM KIN_SUCCESS	Returns the X dimen- sion of the warping window.	Idem
IMGREGISTER WARP- ING GETXORIGIN (OriginX)	Output: DOUBLE	KIN_INVALID_PARAM KIN_SUCCESS	Returns the X origin of the warping window.	Idem
IMGREGISTER WARP- ING GETYDIMEN- SION (DimensionY)	Output: DOUBLE	KIN_INVALID_PARAM KIN_SUCCESS	Returns the Y dimen- sion of the warping window.	Idem
IMGREGISTER WARP- ING GETYORIGIN (OriginY)	Output: DOUBLE	KIN_INVALID_PARAM KIN_SUCCESS	Returns the Y origin of the warping window.	Idem
IMGREGISTER WARP- ING SETMODE < NOEXTEND BASE MARKS USERSPECIFIED >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the warping win- dow mode.	Idem
IMGREGISTER WARP- ING SETPLUSMINUS <Percent>	Input: STRING	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Set the percentage of increase/decrease of the warping window.	Idem
IMGREGISTER WARP- ING SETXDIMEN- SION < DimensionX >	Input: STRING	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Sets the X dimension of the warping window. Only when mode is USERSPECIFIED.	Idem
IMGREGISTER WARP- ING SETXORIGIN < OriginX >	Input: STRING	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Sets the X origin of the warping window. Only when mode is USER- SPECIFIED.	Idem

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGREGISTER WARP- ING SETYDIMEN- SION < DimensionY >	Input: STRING	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Sets the Y dimension of the warping window. Only when mode is USERSPECIFIED.	Idem
IMGREGISTER WARP- ING SETYORIGIN < OriginY >	Input: STRING	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Sets the Y origin of the warping window. Only when mode is USER-SPECIFIED.	Idem

Theme Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME ALLVISIBLE CLEAR	NONE	KIN_SUCCESS	Set the Visible status of each theme in the current file to OFF.	Image Manager > Utilities > Theme Styler > Options > Clear All Visible
IMGTHEME ALLVISIBLE SET	NONE	KIN_SUCCESS	Set the Visible status of each theme in the current file to ON.	Image Manager > Utilities > Theme Styler > Options > Set All Visible
IMGTHEME CELL GETCOLOR <theme name> (cell color)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the cell color of the specified theme.	Image Manager > Utilities > Theme Styler > Cell Attributes
IMGTHEME CELL GETNAME <theme name> (cell name)	Input: STRING Output: STRING	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the cell name of the specified theme.	Image Manager > Utilities > Theme Styler > Cell Attributes
IMGTHEME CELL GETSYMBOLGY <theme name> (status)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the cell's Use Symbology status for the specified theme.	Image Manager > Utilities > Theme Styler > Cell Attributes
IMGTHEME CELL GETXSCALE <theme name> (cell scale)	Input: STRING Output: DOUBLE	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the cell's scale in X for the specified theme.	Image Manager > Utilities > Theme Styler > Cell Attributes
IMGTHEME CELL GETYSCALE <theme name> (cell scale)	Input: STRING Output: DOUBLE	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the cell's scale in Y for the specified theme.	Image Manager > Utilities > Theme Styler > Cell Attributes

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME CELL SETCOLOR <theme name> <cell color>	Input: STRING, SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_COLOR KIN_SUCCESS	Set the cell color of the specified theme.	Image Manager > Utilities > Theme Styler > Cell Attributes
IMGTHEME CELL SETNAME <theme name> <cell name>	Input: STRING, STRING	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the cell name of the specified theme.	Image Manager > Utilities > Theme Styler > Cell Attributes
IMGTHEME CELL SETOFFSYMBOL- LOGY <theme name>	Input: STRING	KIN_ERROR KIN_INVALID_THEME KIN_SUCCESS	Set the cell's Use Symbology status to OFF for the specified theme.	Image Manager > Utilities > Theme Styler > Cell Attributes
IMGTHEME CELL SETONSYMBOL- OGY <theme name>	Input: STRING	KIN_ERROR KIN_INVALID_THEME KIN_SUCCESS	Set the cell's Use Symbology status to ON for the specified theme.	Image Manager > Utilities > Theme Styler > Cell Attributes
IMGTHEME CELL SETXSCALE <theme name> <cell scale>	Input: STRING, DOUBLE	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the cell's scale in X for the specified theme.	Image Manager > Utilities > Theme Styler > Cell Attributes
IMGTHEME CELL SETYS- SCALE <theme name> <cell scale>	Input: STRING, DOUBLE	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the cell's scale in Y for the specified theme.	Image Manager > Utilities > Theme Styler > Cell Attributes
IMGTHEME CHANGE GETTHEME (theme name)	Output: STRING	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Return the specified theme for the Change Theme command.	Image Manager > Tools > Theme > Change Theme tool settings
IMGTHEME CHANGE GO	NONE	KIN_ERROR KIN_SUCCESS	Start the Change Theme command.	Image Manager > Tools > Theme > Change Theme

MicroStation Descartes Key-in Tables

Theme Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME CHANGE SETTHEME <theme name>	Input: STRING	KIN_ERROR KIN_INVALID_THEME KIN_SUCCESS	Specifies the theme for the Change Theme command.	Image Manager > Tools > Theme > Change Theme tool settings
IMGTHEME DIALOG CLOSE	NONE	KIN_ERROR KIN_SUCCES	Close the Theme Styler dialog.	Image Manager > Utilities > Theme Styler
IMGTHEME DIALOG OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the Theme Styler dialog.	Image Manager > Utilities > Theme Styler
IMGTHEME DISPLAY GET (status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the Theme Styler Display status (ON/ OFF).	Image Manager > Utilities > Theme Styler > Options > Display
IMGTHEME DISPLAY SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the Theme Styler Display status to OFF.	Image Manager > Utilities > Theme Styler > Options > Display
IMGTHEME DISPLAY SETON	NONE	KIN_ERROR KIN_SUCCESS	Set the Theme Styler Display status to ON.	Image Manager > Theme Styler > Options > Display
IMGTHEME DISPLAY TOGGLE	NONE	KIN_ERROR KIN_SUCCESS	Toggle the Theme Styler Display status.	Image Manager > Utilities > Theme Styler > Options > Display
IMGTHEME DLGCELLATTRI- BUTES CLOSE	NONE	KIN_ERROR KIN_SUCCESS	Close the Cell Attributes dialog.	Image Manager > Utilities > Theme Styler

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME DLGCELLATTRIBUTES OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the Cell Attributes dialog.	Image Manager > Utilities > Theme Styler
IMGTHEME DLGHATCH CLOSE	NONE	KIN_ERROR KIN_SUCCESS	Close the Hatch Editing dialog.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME DLGHATCH OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the Hatch Editing dialog.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME DLGPATTERN CLOSE	NONE	KIN_ERROR KIN_SUCCESS	Close the Pattern Editing dialog.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME DLGPATTERN OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the Pattern Editing dialog.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME DLGTEXTATTRIBUTES CLOSE	NONE	KIN_ERROR KIN_SUCCESS	Close the Text Attributes dialog.	Image Manager > Utilities > Theme Styler
IMGTHEME DLGTEXTATTRIBUTES OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the Text Attributes dialog.	Image Manager > Utilities > Theme Styler
IMGTHEME DLGUPDATE CLOSE	NONE	KIN_ERROR KIN_SUCCESS	Close the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File

MicroStation Descartes Key-in Tables

Theme Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME DLGUPDATE OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME FILE GET (file name)	Output: STRING	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Return the current theme file name. If no file is opened, the return value is NONE.	Image Manager > Utilities > Theme Styler
IMGTHEME FILE NEW	NONE	KIN_ERROR KIN_SUCCESS	Create a new theme file.	Image Manager > Utilities > Theme Styler > File > New
IMGTHEME FILE OPEN [file name]	Input: STRING	KIN_ERROR KIN_SUCCESS	Open an existing theme file. If file name is not specified, a File Selection dialog is opened.	Image Manager > Utilities > Theme Styler > File > Open
IMGTHEME FILE SAVE	NONE	KIN_ERROR KIN_SUCCESS	Save the current theme file.	Image Manager > Utilities > Theme Styler > File > Save
IMGTHEME FILE SAVEAS [file name]	Input: STRING	KIN_ERROR KIN_SUCCESS	Save the current theme file under a new name. If no file name is provided, a File Selection dialog is opened.	Image Manager > Utilities > Theme Styler > File > Save As
IMGTHEME FILLTHEME GETCOLORNUMBER <theme name> (color number)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the color number of the specified theme.	Image Manager > Utilities > Theme Styler

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME FILLTHEME GETONOFF <theme name> (status)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the Fill status of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME FILLTHEME SETCOLORNUMBER <theme name> <color number>	Input: STRING, SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_COLOR KIN_SUCCESS	Set the color number of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME FILLTHEME SETOFF <theme name>	Input: STRING	KIN_ERROR KIN_INVALID_THEME KIN_SUCCESS	Set the Fill status of the specified theme to OFF.	Image Manager > Utilities > Theme Styler
IMGTHEME FILLTHEME SETON <theme name>	Input: STRING	KIN_ERROR KIN_INVALID_THEME KIN_SUCCESS	Set the Fill status of the specified theme to ON.	Image Manager > Utilities > Theme Styler
IMGTHEME GLOBALSCALE GET (scale value)	Output: DOUBLE	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Return the global scale.	Image Manager > Utilities > Theme Styler
IMGTHEME GLOBALSCALE SET <scale value>	Input: DOUBLE	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Set the global scale.	Image Manager > Utilities > Theme Styler
IMGTHEME HATCH ADD	NONE	KIN_ERROR KIN_SUCCESS	Add the current hatch to the current hatch file.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH DELETE	NONE	KIN_ERROR KIN_SUCCESS	Delete the current hatch.	Image Manager > Utilities > Theme Styler > Hatch > Edit

MicroStation Descartes Key-in Tables

Theme Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME HATCH EDIT	NONE	KIN_ERROR KIN_SUCCESS	Open the Hatch Editing dialog.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH GETCOLOR < hatch number> (color number)	Input: LONG, Output: SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Return the specified hatch's color.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH GETFILE (file name)	Input: LONG, Output: STRING	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Return the current hatching file opened for the hatching tool. If no file is opened, the returned file name is NONE.	Image Manager > Utilities > Theme Styler
IMGTHEME HATCH GETLINETYPE < hatch number> (line style number)	Input: LONG, Output: SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Return the specified hatch's line style.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH GETLINEWEIGHT < hatch number> (line weight number)	Input: LONG, Output: SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Return the specified hatch's line weight.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH GETTYPE < hatch number> (type)	Input: LONG, Output: STRING	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Return the type of specified hatch (HATCH or CROSSHATCH).	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH GETXANGLE < hatch number> (Angle)	Input: LONG, Output: SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Return the specified hatch's angle in X.	Image Manager > Utilities > Theme Styler > Hatch > Edit

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME HATCH GETXSPACING < hatch number> (spacing value)	Input: LONG, Output: SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Return the specified hatch's spacing in X.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH GETYANGLE <hatch number> (Angle)	Input: LONG, Output: SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Return the specified hatch's angle in Y.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH GETYSPACING < hatch number> (spacing value)	Input: LONG, Output: SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Return the specified hatch's spacing in Y.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH MODIFY	NONE	KIN_ERROR KIN_SUCCESS	Modify the current hatch.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH NEW	NONE	KIN_SUCCESS	Create a new hatch file.	Image Manager > Utilities > Theme Styler > Hatch > Edit > File > New
IMGTHEME HATCH OPEN [file name]	Input: STRING	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Open an existing hatch file. If file name is not specified, a File Selection dialog is opened.	Image Manager > Utilities > Theme Styler > Hatch > Edit > File > Open

MicroStation Descartes Key-in Tables

Theme Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME HATCH SAVE	NONE	KIN_ERROR KIN_SUCCESS	Save the current hatch file.	Image Manager > Utilities > Theme Styler > Hatch > Edit > File > Save
IMGTHEME HATCH SAVEAS [file name]	Input: STRING	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Save the current hatch file under a new name. If file name is not specified, a File Creation dialog is opened.	Image Manager > Utilities > Theme Styler > Hatch > Edit > File > Save As
IMGTHEME HATCH SELECT [file name]	Input: STRING	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Assigns a hatch file to the current theme file. If no file name is provided, a File Selection dialog is opened.	Image Manager > Utilities > Theme Styler > Hatch > Select
IMGTHEME HATCH SETCOLOR < hatch number> <color number>	Input: LONG, SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_COLOR KIN_SUCCESS	Set the specified hatch's color.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH SETLINETYPE < hatch number> <line style number>	Input: LONG, SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Set the specified hatch's line style.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH SETLINEWEIGHT < hatch number> < line weight number >	Input: LONG, SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Set the specified hatch's line weight.	Image Manager > Utilities > Theme Styler > Hatch > Edit

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME HATCH SETNUMBER <old hatch number> <new hatch number>	Input: SHORT SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Set the active hatch to the specified number.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH SETTYPE < hatch number> <HATCH CROSSHATCH >	Input: LONG, SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Set the type of the specified hatch.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH SETXANGLE < hatch number> <Angle>	Input: LONG, SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Set the specified hatch's angle in X.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH SETXSPACING < hatch number> <spacing value>	Input: LONG, SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Set the specified hatch's spacing in X.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH SETYANGLE < hatch number> <Angle>	Input: LONG, SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Set the specified hatch's angle in Y. Only available if the Hatch type is Cross hatch.	Image Manager > Utilities > Theme Styler > Hatch > Edit
IMGTHEME HATCH SETYSPACING < hatch number> <spacing value>	Input: LONG, SHORT	KIN_ERROR KIN_INVALID_HATCH KIN_INVALID_PARAM KIN_SUCCESS	Set the specified hatch's spacing in Y. Only available if the Hatch type is Cross hatch.	Image Manager > Utilities > Theme Styler > Hatch > Edit

MicroStation Descartes Key-in Tables

Theme Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME IMGVERSION GET (version) (subversion) (revision) (subrevision)	Output: SHORT, SHORT, SHORT, SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the current version, subversion, revision and subrevision of the minimal module of the main Descartes that can be used with this version of Theme Styler. Also printed on the screen.	
IMGTHEME PATTERN GETROWSPACING <pattern number> (spacing value)	Input: LONG, Output: DOUBLE	KIN_ERROR KIN_INVALID_ PATTERN KIN_INVALID_PARAM KIN_SUCCESS	Return the specified pattern's row spacing.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME PATTERN GETSCALE <pattern number> (scale)	Input: LONG, Output: DOUBLE	KIN_ERROR KIN_INVALID_ PATTERN KIN_INVALID_PARAM KIN_SUCCESS	Return the specified pattern's scale.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME PATTERN SETCOLSPACING <pattern number> < spacing value >	Input: LONG, DOUBLE	KIN_ERROR KIN_INVALID_ PATTERN KIN_INVALID_PARAM KIN_SUCCESS	Set the specified pattern's column spacing.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME PATTERN ADD	NONE	KIN_ERROR KIN_SUCCESS	Add the current pattern to the current patterning file.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME PATTERN DELETE	NONE	KIN_ERROR KIN_SUCCESS	Delete the current pattern.	Image Manager > Utilities > Theme Styler > Pattern > Edit

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME PATTERN EDIT	NONE	KIN_ERROR KIN_SUCCESS	Open the Pattern Editing dialog.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME PATTERN GETANGLE <pattern number> (angle)	Input: LONG, Output: DOUBLE	KIN_ERROR KIN_INVALID_ PATTERN KIN_INVALID_PARAM KIN_SUCCESS	Return the specified pattern's angle.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME PATTERN GETCELLNAME <pattern number> (cell name)	Input: LONG, Output: STRING	KIN_ERROR KIN_INVALID_ PATTERN KIN_INVALID_PARAM KIN_SUCCESS	Return the cell name of the specified pattern.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME PATTERN GETCOLSPACING <pattern number> (spacing value)	Input: LONG, Output: DOUBLE	KIN_ERROR KIN_INVALID_ PATTERN KIN_INVALID_PARAM KIN_SUCCESS	Return the specified pattern's column spacing.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME PATTERN GETFILE (file name)	Input: LONG, Output: STRING	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Return the current patterning file opened for the hatching tool. If no file is opened, the returned file name is NONE.	Image Manager > Utilities > Theme Styler
IMGTHEME PATTERN SETSCALE <pattern number> <scale>	Input: LONG, DOUBLE	KIN_ERROR KIN_INVALID_ PATTERN KIN_INVALID_PARAM KIN_SUCCESS	Set the specified pattern's scale.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME PATTERN MODIFY	NONE	KIN_ERROR KIN_SUCCESS	Modify the current pattern.	Image Manager > Utilities > Theme Styler > Pattern > Edit

MicroStation Descartes Key-in Tables

Theme Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME PATTERN NEW	NONE	KIN_SUCCESS	Create a new patterning file.	Image Manager > Utilities > Theme Styler > Pattern > Edit > File > New
IMGTHEME PATTERN OPEN [file name]	Input: STRING	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Open an existing patterning file. If file name is not specified, a File Selection dialog is opened.	Image Manager > Utilities > Theme Styler > Pattern > Edit > File > Open
IMGTHEME PATTERN SAVE	NONE	KIN_ERROR KIN_SUCCESS	Save the current patterning file.	Image Manager > Utilities > Theme Styler > Pattern > Edit > File > Save
IMGTHEME PATTERN SAVEAS [file name]	NONE	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Save the current patterning file under a new name. If file name is not specified, a File Selection dialog is opened.	Image Manager > Utilities > Theme Styler > Pattern > Edit > File > Save As
IMGTHEME PATTERN SELECT [file name]	Input: STRING	KIN_ERROR KIN_SUCCESS	Assign a pattern file to the current theme file. If file name is not specified, a File Selection dialog is opened.	Image Manager > Utilities > Theme Styler > Pattern > Select

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME PATTERN SETANGLE <pattern number> <angle>	Input: LONG, DOUBLE	KIN_ERROR KIN_INVALID_ PATTERN KIN_INVALID_PARAM KIN_SUCCESS	Set the specified pattern's angle.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME PATTERN SETCELLNAME <pattern number> <cell name>	Input: LONG, STRING	KIN_ERROR KIN_INVALID_ PATTERN KIN_INVALID_PARAM KIN_SUCCESS	Set the cell name associated with the specified pattern.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME PATTERN SETNUMBER <old pattern number> <new pattern number>	Input: SHORT SHORT	KIN_ERROR KIN_INVALID_ PATTERN KIN_INVALID_PARAM KIN_SUCCESS	Set the active pattern to the one whose number is specified.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME PATTERN SETROWSPACING <pattern number> <spacing value>	Input: LONG, DOUBLE	KIN_ERROR KIN_INVALID_ PATTERN KIN_SUCCESS	Set the specified pattern's row spacing.	Image Manager > Utilities > Theme Styler > Pattern > Edit
IMGTHEME SELECT GETTHEME (theme name)	Output: STRING	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Return the theme specified in the tool settings for the Select Theme command.	Image Manager > Tools > Theme > Select Theme tool settings
IMGTHEME SELECT GO	NONE	KIN_ERROR KIN_SUCCESS	Start the Select Theme command.	Image Manager > Tools > Theme > Select Theme
IMGTHEME SELECT SETTHEME <theme name>	Input: STRING	KIN_ERROR KIN_INVALID_THEME KIN_SUCCESS	Specify the theme for the Select Theme command.	Image Manager > Tools > Theme Select Theme tool settings

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Theme Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME SURFACETHEME GETHATCHNUMBER <theme name> (number)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the hatch number of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME SURFACETHEME GETPATTERNNUMBER <theme name> (number)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the pattern number of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME SURFACETHEME SETHATCHNUMBER <theme name> <number>	Input: STRING, SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the hatch number of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME SURFACETHEME SETPATTERNNUMBER <theme name> <number>	Input: STRING, SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the pattern number of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME TEXT GETCHARSPACING <theme name> (character spacing)	Input: STRING Output: DOUBLE	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the font's character spacing for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT GETCOLOR <theme name> (color)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the font color for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT GETFONT <theme name> (font number)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the font number of the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME TEXT GETHEIGHT <theme name> (font height)	Input: STRING Output: DOUBLE	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the font height for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT GETLINESPACING <theme name> (line spacing)	Input: STRING Output: DOUBLE	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the font's line spacing for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT GETMULTILINEJUST <theme name> (justification)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the multi -line text justification for the specified theme. The (justification) output parameter will contain one of those values: LMT, LMC, LMB, LT, LC, LB, CT, CC, CB, RT, RC, RB, RMT, RMC or RMB. The abbreviations stand for Left Margin Top, Left Margin Center, ...	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT GETSINGLELINEJUST <theme name> (justification)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the single-line text justification for the specified theme. The (justification) output parameter will contain one of those values: LT, LC, LB, CT, CC, CB, RT, RC or RB. The abbreviations stand for Left Top, Left Center, ...	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT GETSLANT <theme name> (slant value)	Input: STRING Output: DOUBLE	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the font slant for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes

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Theme Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME TEXT GETUNDERLINE <theme name> (status)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the text's Underline status for the specified theme (ON/OFF).	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT GETVERTICAL <theme name> (status)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the text's Vertical status for the specified theme (ON/OFF).	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT GETWIDTH <theme name> (font width)	Input: STRING Output: DOUBLE	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the font width for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT SETCHARSPACING <theme name> <character spacing>	Input: STRING, DOUBLE	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the font's character spacing for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT SETCOLOR <theme name> <color>	Input: STRING, SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_COLOR KIN_SUCCESS	Set the font color for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT SETFONT <theme name> 	Input: STRING, LONG	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the font number of the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT SETHEIGHT <theme name> 	Input: STRING, DOUBLE	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the font height for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT SETLINESPACING <theme name> <line spacing>	Input: STRING, DOUBLE	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the font's line spacing for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME TEXT SETMULTILINEJUST <theme name> <LMT LMC LMB LT LC LB CT CC CB RT RC RB RMT RMC RMB >	Input: STRING, SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the multi-line text justification for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT SETOFFUNDERLINE <theme name>	Input: STRING	KIN_ERROR KIN_INVALID_THEME KIN_SUCCESS	Set the text's Underline status to OFF for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT SETOFFVERTICAL <theme name>	Input: STRING	KIN_ERROR KIN_INVALID_THEME KIN_SUCCESS	Set the text's Vertical status to OFF for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT SETONUNDERLINE <theme name>	Input: STRING	KIN_ERROR KIN_INVALID_THEME KIN_SUCCESS	Set the text's Underline status to ON for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT SETONVERTICAL <theme name>	Input: STRING	KIN_ERROR KIN_INVALID_THEME KIN_SUCCESS	Set the text's Vertical status to ON for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT SETSINGLELINEJUST <theme name> <LT LC LB CT CC CB RT RC RB>	Input: STRING, SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the single-line text justification for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME TEXT SETSLANT <theme name> <slant value>	Input: STRING, DOUBLE	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the font slant for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes

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Theme Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME TEXT SETWIDTH <theme name> 	Input: STRING, DOUBLE	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the font width for the specified theme.	Image Manager > Utilities > Theme Styler > Text Attributes
IMGTHEME THEME ADD	NONE	KIN_ERROR KIN_SUCCESS	Add the active theme to the theme file.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME DELETE	NONE	KIN_ERROR KIN_SUCCESS	Deletes the active theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME GETCOLORCON- TOUR <theme name> (color number)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the contour color of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME GETDESCRIPTION <theme name> (description)	Input: STRING Output: STRING	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the description of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME GETLEVEL <theme name> (level number)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the level of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME GETLINETYPE <theme name> (line type number)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the line type of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME GETLINEWEIGHT <theme name> (weight number)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the line weight of the specified theme.	Image Manager > Utilities > Theme Styler

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME THEME GETNAME <theme number> (theme name)	Input: LONG, STRING	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the theme name of the specified theme number.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME GETNUMBER <theme name> (theme number)	Input: STRING Output: LONG	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the theme number of the specified theme name.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME GETUSE <theme name> (status)	Input: STRING Output:	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the Use status of the specified theme (ON/OFF).	Image Manager > Utilities > Theme Styler
IMGTHEME THEME GETVISIBLE <theme name> (status)	Input: STRING Output: SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Return the Visible status of the specified theme (ON/OFF).	Image Manager > Utilities > Theme Styler
IMGTHEME THEME MODIFY	NONE	KIN_ERROR KIN_SUCCESS	Modify the active theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME QUERY		KIN_ERROR KIN_SUCCESS	Activates the Query theme command.	Image Manager > Tools > Theme > Query Theme
IMGTHEME THEME SETCOLORCON- TOUR <theme name> <color number>	Input: STRING, SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_COLOR KIN_SUCCESS	Set the contour color of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME SETDESCRIPTION <theme name> <description>	Input: STRING, STRING	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the description of the specified theme.	Image Manager > Utilities > Theme Styler

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Theme Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME THEME SETLEVEL <theme name> <level number>	Input: STRING, SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the level of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME SETLINETYPE <theme name> <line type number>	Input: STRING, SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the line type of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME SETLINEWEIGHT <theme name> <weight number>	Input: STRING, SHORT	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the line weight of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME SETNAME <old theme name> <new theme name>	Input: STRING STRING	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the new name of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME SETNUMBER <theme name> <theme number>	Input: STRING, LONG	KIN_ERROR KIN_INVALID_THEME KIN_INVALID_PARAM KIN_SUCCESS	Set the number of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME SETUSEOFF<theme name>	Input: STRING	KIN_ERROR KIN_INVALID_THEME KIN_SUCCESS	Set to OFF the Use status of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME SETUSEON <theme name>	Input: STRING	KIN_ERROR KIN_INVALID_THEME KIN_SUCCESS	Set to ON the Use status of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME SETVISIBLEOFF <theme name>	Input: STRING	KIN_ERROR KIN_INVALID_THEME KIN_SUCCESS	Set to OFF the Visible status of the specified theme.	Image Manager > Utilities > Theme Styler
IMGTHEME THEME SETVISIBLEON <theme name>	Input: STRING	KIN_ERROR KIN_INVALID_THEME KIN_SUCCESS	Set to ON the Visible status of the specified theme.	Image Manager > Utilities > Theme Styler

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME TOOLTHEME CLOSE	NONE	KIN_ERROR KIN_SUCCESS	Close the Theme tool box.	Image Manager > Tools > Theme
IMGTHEME TOOLTHEME OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the Theme tool box.	Image Manager > Tools > Theme
IMGTHEME TOOLTHEMEFILE CLOSE	NONE	KIN_ERROR KIN_SUCCESS	Close the Theme File tool box.	Image Manager > Tools > Theme File
IMGTHEME TOOLTHEMEFILE OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the Theme File tool box.	Image Manager > Tools > Theme File
IMGTHEME UPDATE ALL	NONE	KIN_SUCCESS	Set every parameter (Level, Color, Line Type, ...) status to ON in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE GETCELL (Status)	Output: SHORT	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Return the Cell status in the Update Design File dialog (ON/OFF).	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE GETCOLOR (Status)	Output: SHORT	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Return the Color status in the Update Design File dialog (ON/OFF).	Image Manager > Utilities > Theme Styler > Options > Update Design File

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Theme Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME UPDATE GETFILL (Status)	Output: SHORT	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Return the Fill status in the Update Design File dialog (ON/OFF).	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE GETHATCHPATTERN (Status)	Output: SHORT	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Return the Hatch/Pattern status in the Update Design File dialog (ON/OFF).	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE GETLEVEL (Status)	Output: SHORT	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Return the Level status in the Update Design File dialog (ON/OFF).	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE GETLINETYPE (Status)	Output: SHORT	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Return the Line Type status in the Update Design File dialog (ON/OFF).	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE GETLINEWEIGHT (Status)	Output: SHORT	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Return the Line Weight status in the Update Design File dialog (ON/OFF).	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE GETTEXT (Status)	Output: SHORT	KIN_ERROR KIN_INVALID_PARAM KIN_SUCCESS	Return the Text status in the Update Design File dialog (ON/OFF).	Image Manager > Utilities > Theme Styler > Options > Update Design File

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME UPDATE RUN	NONE	KIN_ERROR KIN_SUCCESS	Update the design file.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE SETCELLOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the Cell status to OFF in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE SETCELLON	NONE	KIN_ERROR KIN_SUCCESS	Set the Cell status to ON in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE SETCOLOROFF	NONE	KIN_ERROR KIN_SUCCESS	Set the Color status to OFF in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE SETCOLORON	NONE	KIN_ERROR KIN_SUCCESS	Set the Color status to ON in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE SETFILLLOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the Fill status to OFF in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File

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Theme Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME UPDATE SETFILLON	NONE	KIN_ERROR KIN_SUCCESS	Set the Fill status to ON in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE SETLEVELOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the Level status to OFF in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE SETLEVELON	NONE	KIN_ERROR KIN_SUCCESS	Set the Level status to ON in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE SETHATCHPATTERN OFF	NONE	KIN_ERROR KIN_SUCCESS	Set the Hatch/Pattern status to OFF in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE SETLINETYPEOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the Line Type status to OFF in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE SETLINEWEIGHTOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the Line Weight status to OFF in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME UPDATE SETHATCHPATTERN ON	NONE	KIN_ERROR KIN_SUCCESS	Set the Hatch/Pattern status to ON in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE SETLINETYPEON	NONE	KIN_ERROR KIN_SUCCESS	Set the Line Type status to ON in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE SETLINEWEIGHTON	NONE	KIN_ERROR KIN_SUCCESS	Set the Line Weight status to ON in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE SETTEXTOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the Text status to OFF in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME UPDATE SETTEXTON	NONE	KIN_ERROR KIN_SUCCESS	Set the Text status to ON in the Update Design File dialog.	Image Manager > Utilities > Theme Styler > Options > Update Design File
IMGTHEME USEALL CLEAR	NONE	KIN_ERROR KIN_SUCCESS	Set to OFF the Use status of each theme in the current file.	Image Manager > Utilities > Theme Styler > Options > Clear All Use

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Theme Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTHEME USEALL SET	NONE	KIN_ERROR KIN_SUCCESS	Set to ON the Use status of each theme in the current file.	Image Manager > Utilities > Theme Styler > Options > Set All Use
IMGTHEMEVERSION GET (version) (subversion) (revision) (subrevision)	Output: SHORT, SHORT, SHORT, SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current version, subversion, revision and subrevision of the module Theme Styler.	

Image Transform Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTRANSFORM IMAGE CORRIDOR	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Start the Corridor command.	Image Manager > Tools > Image Transform
IMGTRANSFORM IMAGE MERGE	NONE	KIN_NOIMAGE KIN_ERROR KIN_SUCCESS	Start the Merge Images command.	Image Manager > Tools > Image Transform
IMGTRANSFORM IMAGE MIRROR	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_ERROR KIN_SUCCESS	Start the Mirror Image command.	Image Manager > Tools > Image Transform
IMGTRANSFORM IMAGE MOVE	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_ERROR KIN_SUCCESS	Start the Move Image command.	Image Manager > Tools > Image Transform
IMGTRANSFORM IMAGE ROTATE	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_ERROR KIN_SUCCESS	Start the Rotate Image command.	Image Manager > Tools > Image Transform
IMGTRANSFORM IMAGE SCALE	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_ERROR KIN_SUCCESS	Start the Scale Image command.	Image Manager > Tools > Image Transform
IMGTRANSFORM IMAGE SQUARE	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_ERROR KIN_SUCCESS	Start the Square Image command.	Image Manager > Tools > Image Transform
IMGTRANSFORM IMAGE WARP	NONE	KIN_NOIMAGE KIN_FILE_READ_ONLY KIN_ERROR KIN_SUCCESS	Start the Warp Image command.	Image Manager > Tools > Image Transform

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Image Transform Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTRANSFORM IMGVERSION GET (version) (subversion) (revision) (subrevision)	Output: SHORT SHORT SHORT SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the minimum required version, subversion, revision and subrevision of Descartes that can be used with this version of Image Transform.	
IMGTRANSFORM MERGE GETANGLE (angle)	Output: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the stepping angle of rotation.	Image Manager > Tools > Image Transform
IMGTRANSFORM MERGE GETMETHOD (method)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the method used for selecting the area.	Image Manager > Tools > Image Transform
IMGTRANSFORM MERGE SETANGLE <angle>	Input: DOUBLE	KIN_INVALID_PARAM KIN_PERM_DENIED KIN_ERROR KIN_SUCCESS	Set the stepping angle of rotation. Only used if method is ORIENTEDBLOCK.	Image Manager > Tools > Image Transform
IMGTRANSFORM MERGE SETMETHOD <BLOCK ORIENTEDBLOCK ELEMENT >	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the method used for selecting the area.	Image Manager > Tools > Image Transform
IMGTRANSFORM MIRROR GETAXE (axe)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the mirror type	Image Manager > Tools > Image Transform
IMGTRANSFORM MIRROR SETAXE <HORIZONTAL VERTICAL DOWNUPDIAGONAL UPDOWN- DIAGONAL >	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the mirror type (HORIZONTAL or VERTICAL or DOWNUPDIAGONAL or UPDOWNDIAGONAL).	Image Manager > Tools > Image Transform

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTRANSFORM ROTATE GETSPECANGLE (angle)	Output: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the specified angle of rotation.	Image Manager > Tools > Image Transform
IMGTRANSFORM ROTATE GETSTEPANGLE (angle)	Output: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the step angle of rotation.	Image Manager > Tools > Image Transform
IMGTRANSFORM ROTATE GETMETHOD (method)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the method used for specifying the rotated area and the angle of rotation (INTERACTIVE or SPECIFIED or 90DEGREES or 180DEGREES).	Image Manager > Tools > Image Transform
IMGTRANSFORM ROTATE GETORIENTATION (orientation)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the direction of the rotation (CLOCKWISE or COUNTER-CLOCKWISE).	Image Manager > Tools > Image Transform
IMGTRANSFORM ROTATE SETSPECANGLE <angle>	Input: DOUBLE	KIN_INVALID_PARAM KIN_PERM_DENIED KIN_ERROR KIN_SUCCESS	Set the angle of rotation. Only used if method is SPECIFIED.	Image Manager > Tools > Image Transform
IMGTRANSFORM ROTATE SETSTEPANGLE <angle>	Input: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the step angle of rotation.	Image Manager > Tools > Image Transform
IMGTRANSFORM ROTATE SETMETHOD <INTERACTIVE SPECIFIED 90DEGREES 180DEGREES >	Input: STRING	KIN_ERROR KIN_SUCCESS	Set the method used for specifying the rotated area and the angle of rotation (INTERACTIVE or SPECIFIED or 90DEGREES or 180DEGREES).	Image Manager > Tools > Image Transform

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Image Transform Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTRANSFORM ROTATE SETORIENTATION <CLOCKWISE COUNTER- CLOCKWISE>	Input: STRING	KIN_ERROR KIN_SUCCESS	Set the direction of the rotation (CLOCKWISE or COUNTERCLOCKWISE).	Image Manager > Tools > Image Transform
IMGTRANSFORM SCALE GETMETHOD (method)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the method used for specifying the scaling parameters (INTERACTIVE or SPECIFIED).	Image Manager > Tools > Image Transform
IMGTRANSFORM SCALE GETSCALE (value)	Output: DOUBLE	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the scaling value.	Image Manager > Tools > Image Transform
IMGTRANSFORM SCALE SETMETHOD <INTERACTIVE SPECIFIED>	Input: STRING	KIN_ERROR KIN_SUCCESS	Set the method used for specifying the scaling parameters (INTERACTIVE or SPECIFIED).	Image Manager > Tools > Image Transform
IMGTRANSFORM SCALE SETSCALE <value>	Input: DOUBLE	KIN_INVALID_PARAM KIN_PERM_DENIED KIN_ERROR KIN_SUCCESS	Set the scaling value. Only used if method is SPECIFIED.	Image Manager > Tools > Image Transform
IMGTRANSFORM SQUARE GETAXE (axe)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Get the axis mode used for specifying 2 points on an orthogonal line.	Image Manager > Tools > Image Transform
IMGTRANSFORM SQUARE SETAXE < HORIZONTAL VERTICAL >	Input: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the horizontal as the axis used for specifying 2 points on an orthogonal line.	Image Manager > Tools > Image Transform
IMGTRANSFORM TOOL CLOSE	NONE	KIN_SUCCES	Close Image Transform tool box.	Image Manager > Tools > Image Transform

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGTRANSFORM TOOL OPEN	NONE	KIN_ERROR KIN_SUCCESS	Opens Image Transform tool box.	Image Manager > Tools > Image Transform
IMGTRANSFORM VERSION GET (version) (subversion) (revision) (subrevision)	Output: SHORT SHORT SHORT SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the current version, subversion, revision and subrevision of the module Image Transform.	
IMGTRANSFORM WARP GETTRFMODEL (TrfModel)	Output: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Returns the transformation model used by Warp Image.	Image Manager > Tools > Image Transform
IMGTRANSFORM WARP SETTRFMODEL < AFFINE HELMERT PROJECTIVE SIMILITUDE >	Input: STRING	KIN_NOIMAGE KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the transformation model used by Warp Image.	Image Manager > Tools > Image Transform

Vectorize Key-In

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE ACTIVEZ GET (ActiveZ)	Output: DOUBLE	KIN_INVALID_PARAM KIN_SUCCESS	Return the current value of the active depth (Z) for the Convert Contour Lines command.	Image Manager > Tools > Vectorize > Convert Contour Lines
IMGVECTORIZE ACTIVEZ SET <ActiveZ>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the current value of the active depth (Z) for the Convert Contour Lines command.	Idem
IMGVECTORIZE ACTIVEZDIRECTION GET (Direction)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return the current direction of the active depth (Z). Directions are UP and DOWN.	Idem
IMGVECTORIZE ACTIVEZDIRECTION SET <UP DOWN>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the current direction of the active depth (Z). Directions are UP and DOWN.	Idem
IMGVECTORIZE ACTIVEZINTERVAL GET (Interval)	Output: DOUBLE	KIN_INVALID_PARAM KIN_SUCCESS	Return the current interval for increasing/decreasing the active depth (Z).	Idem
IMGVECTORIZE ACTIVEZINTERVAL SET <Interval>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the current interval for increasing/decreasing the active depth (Z).	Idem
IMGVECTORIZE ACTIVEZLOCK GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the current status of the "Lock" option for the active depth (Z) (ON/OFF).	Idem
IMGVECTORIZE ACTIVEZLOCK SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the current status of the "Lock" option for the active depth (Z) to OFF.	Idem

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE ACTIVEZLOCK SETON	NONE	KIN_ERROR KIN_SUCCESS	Set the current status of the "Lock" option for the active depth (Z) to ON.	Idem
IMGVECTORIZE AUTOCONTINUE GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the status of the "Auto Continue" toggle (ON/OFF).	Image Manager > Tools > Vectorize > Tool Settings
IMGVECTORIZE AUTOCONTINUE SETOFF	NONE	KIN_SUCCESS	Set the status of the "Auto Continue" toggle to OFF.	Idem
IMGVECTORIZE AUTOCONTINUE SETON	NONE	KIN_SUCCESS	Set the status of the "Auto Continue" toggle to ON.	Idem
IMGVECTORIZE AUTOCONVERT GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the current status of "Auto Convert" (ON/OFF).	Image Manager > Tools > Vectorize > Tool Settings
IMGVECTORIZE AUTOCONVERT SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the current status of "Auto Convert" to OFF.	Idem
IMGVECTORIZE AUTOCONVERT SETON	NONE	KIN_ERROR KIN_SUCCESS	Set the current status of "Auto Convert" to ON.	Idem
IMGVECTORIZE CELLAUTOERASECO LOR GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the status of the "Auto Set Eraser Color" toggle (ON/OFF).	Image Manager > Tools > Text/Cells > Convert Cell
IMGVECTORIZE CELLAUTOERASE- COLOR SETOFF	NONE	KIN_SUCCESS	Set the status of the "Auto Set Eraser Color" toggle to OFF.	Idem
IMGVECTORIZE CELLAUTOERASECO LOR SETON	NONE	KIN_INVALID_PARAM KIN_SUCCESS	Set the status of the "Auto Set Eraser Color" toggle to ON.	Idem

MicroStation Descartes Key-in Tables

Vectorize Key-In

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE CELLERASERASTER GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the status of the "Erase Raster" toggle (ON/OFF).	Idem
IMGVECTORIZE CELLERASERASTER SETOFF	NONE	KIN_SUCCESS	Set the status of the "Erase Raster" toggle to OFF.	Idem
IMGVECTORIZE CELLERASERASTER SETON	NONE	KIN_SUCCESS	Set the status of the "Erase Raster" toggle to ON.	Idem
IMGVECTORIZE CELLERASERCOLOR GET (Color)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the current eraser color.	Idem
IMGVECTORIZE CELLERASERCOLOR SET <Color>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the current eraser color.	Idem
IMGVECTORIZE CELLERASERCOLOR1 BIT GET (Color)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return the current eraser color of 1 bit image.	Idem
IMGVECTORIZE CELLERASERCOLOR1 BIT SET < BACKGROUND FOREGROUND >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the current eraser color for 1 bit image.	Idem
IMGVECTORIZE CELLFILTER GET (Filter)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return the name of the current filter for the Convert Cell command.	Idem
IMGVECTORIZE CELLFILTER SET <Filter>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the filter for the Convert Cell command.	Idem

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE CELLTHEME GET (Theme)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return the name of the current theme for the Convert Cell command.	Idem
IMGVECTORIZE CELLTHEME SET <Theme>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the theme for the Convert Cell command.	Idem
IMGVECTORIZE CONTINUE ELEMENT	NONE	KIN_SUCCESS	Start the Continue Element command.	Image Manager > Tools > Vectorize
IMGVECTORIZE CONVERT ALLCONNECTED- LINES	NONE	KIN_SUCCESS	Start the Convert All Connected Lines command.	Image Manager > Tools > Vectorize
IMGVECTORIZE CONVERT CELLS	NONE	KIN_SUCCESS	Start the Convert Cell command.	Image Manager > Tools > Text/Cells
IMGVECTORIZE CONVERT CELLSHORIZONTAL	NONE	KIN_SUCCESS	Start the Convert Horizontal Cell command.	Image Manager > Tools > Text/Cells
IMGVECTORIZE CONVERT CELLSORIENT	NONE	KIN_SUCCESS	Start the Convert Oriented Cell command.	Image Manager > Tools > Text/Cells
IMGVECTORIZE CONVERT CONTOURLINES	NONE	KIN_SUCCESS	Start the Convert Contour Lines command.	Image Manager > Tools > Vectorize
IMGVECTORIZE CONVERT LINES	NONE	KIN_SUCCESS	Start the Convert Lines command.	Image Manager > Tools > Vectorize
IMGVECTORIZE CONVERT TEXTALL	NONE	KIN_SUCCESS	Start the Convert Text command.	Image Manager > Tools > Text/Cells

MicroStation Descartes Key-in Tables

Vectorize Key-In

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE CONVERT TEXTHORIZ	NONE	KIN_SUCCESS	Start the Select horizontal text command.	Image Manager > Tools > Text/Cells
IMGVECTORIZE CONVERT TEXTORIENTED	NONE	KIN_SUCCESS	Start the Select oriented text command.	Image Manager > Tools > Text/Cells
IMGVECTORIZE CSNODESAUTOSNPI NSVEC GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the status of the "Auto Snap/ Insert Vector" toggle (ON/OFF).	Image Manager > Settings > Vectorize > Nodes
IMGVECTORIZE CSNODESAUTOSNPI NSVEC SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the status of the "Auto Snap/ Insert Vector" toggle to OFF.	Idem
IMGVECTORIZE CSNODESAUTOSNPI NSVEC SETON	NONE	KIN_ERROR KIN_SUCCESS	Set the status of the "Auto Snap/ Insert Vector" toggle to ON.	Idem
IMGVECTORIZE CSCENTERVIEW GET (viewlist)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return a view list (view numbers separated with commas) of Center Views that are activated.	Image Manager > Settings > Vectorize > Center Views
IMGVECTORIZE CSCENTERVIEW SETOFF <viewlist>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Deactivate the Center Views for the specified view numbers.	Idem
IMGVECTORIZE CSCENTERVIEW SETON <viewlist>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Activate the Center Views for the specified view numbers.	Idem
IMGVECTORIZE CS CONVERT GETLINEQUALITY (LineQuality)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the line quality value.	Image Manager > Settings > Vectorize > Convert

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE CSCONVERT SETLINEQUALITY < BAD POOR AVERAGE GOOD EXCELLENT >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the value of the line quality. Values are: BAD, POOR, AVERAGE, GOOD or EXCELLENT.	Idem
IMGVECTORIZE CSCONVERT GETMAXLINEWIDTH (LineQuality)	Output: DOUBLE	KIN_INVALID_PARAM KIN_SUCCESS	Returns the maximum value for the line width.	Image Manager > Settings > Vectorize > Convert
IMGVECTORIZE CSCONVERT SETMAXLINEWIDTH < LineWidth >	Input: DOUBLE	KIN_INVALID_PARAM KIN_SUCCESS	Sets the value for the maximum line width.	Idem
IMGVECTORIZE CSCONVERT GETRESOLUTION- MODE (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Returns the resolution mode used by convert commands.	Image Manager > Settings > Vectorize > Convert
IMGVECTORIZE CSCONVERT SETRESOLUTION- MODE < FILE DISPLAY >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Sets the resolution mode used by the convert command. Mode are: FILE or DISPLAY.	Idem
IMGVECTORIZE CSGENERALUSESTRE AM GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the status of the "Use Stream Parameters" toggle (ON/OFF).	Image Manager > Settings > Vectorize > Generalization
IMGVECTORIZE CSGENERALUSESTRE AM SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the status of the "Use Stream Parameters" toggle to OFF.	Idem
IMGVECTORIZE CSGENERALUSESTRE AM SETON	NONE	KIN_ERROR KIN_SUCCESS	Set the status of the "Use Stream Parameters" toggle to ON.	Idem

MicroStation Descartes Key-in Tables

Vectorize Key-In

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE CSNODESAUTO- PLACE GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the status of the "Auto Place Nodes" toggle (ON/OFF).	Image Manager > Settings > Vectorize > Nodes
IMGVECTORIZE CSNODESAUTO- PLACE SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the status of the "Auto Place Nodes" toggle to OFF.	Idem
IMGVECTORIZE CSNODESAUTO- PLACE SETON	NONE	KIN_ERROR KIN_SUCCESS	Set the status of the "Auto Place Nodes" toggle to ON.	Idem
IMGVECTORIZE CSNODESDISPLAY GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the status of the "Display Nodes" toggle (ON/OFF).	Idem
IMGVECTORIZE CSNODESDISPLAY GETCOLOR (Color)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the current color used for displaying nodes.	Idem
IMGVECTORIZE CSNODESDISPLAY SETCOLOR <Color>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the current color used for displaying nodes.	Idem
IMGVECTORIZE CSNODESDISPLAY SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the status of the "Display Nodes" toggle to OFF.	Idem
IMGVECTORIZE CSNODESDISPLAY SETON	NONE	KIN_ERROR KIN_SUCCESS	Set the status of the "Display Nodes" toggle to ON.	Idem
IMGVECTORIZE CSSPYWIN GETEXTENT (Extent)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the extent value of the Spy Window.	Image Manager > Settings > Vectorize > Spy Window

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE CSSPYWIN GETZOOM (Zoom)	Output: DOUBLE	KIN_INVALID_PARAM KIN_SUCCESS	Return the current zoom factor for the Spy Window.	Idem
IMGVECTORIZE CSSPYWIN SETTEXTENT <Extent>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the extent value of the Spy Window.	Idem
IMGVECTORIZE CSSPYWIN SETZOOM <Zoom>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the zoom factor for the Spy Window.	Idem
IMGVECTORIZE CSWARNINGSTAMPV SCVT GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return status of the "Display Auto Stamp VS Auto Convert Warning" toggle (ON/OFF).	Idem
IMGVECTORIZE CSWARNINGSTAMPV SCVT SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the status of the "Display Auto Stamp VS Auto Convert Warning" toggle to OFF.	Idem
IMGVECTORIZE CSWARNINGSTAMPV SCVT SETON	NONE	KIN_ERROR KIN_SUCCESS	Set the status of the "Display Auto Stamp VS Auto Convert Warning" toggle to ON.	Idem
IMGVECTORIZE DELETE NODE	NONE	KIN_SUCCESS	Start the Delete Nodes command.	Image Manager > Tools > Vectorize
IMGVECTORIZE DELETENODE GETAREA (area)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return the area type used by the Delete Nodes command. Area types are: NONE, BLOCK, ELEMENT, FENCE, IMAGE or UNLIMITED.	Image Manager > Tools > Vectorize > Delete Nodes

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Vectorize Key-In

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE DELETENODE SETAREA < NONE BLOCK ELEMENT FENCE IMAGE UN- LIMITED >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the area type used by the Delete Nodes command. Area types are: NONE, BLOCK, ELEMENT, FENCE, IMAGE or UNLIMITED.	Idem
IMGVECTORIZE DLGSETTINGS OPEN	NONE	KIN_SUCCESS	Open the Vectorize Settings dialog.	Image Manager > Settings > Vectorize
IMGVECTORIZE FILENODE NEW	NONE	KIN_ERROR KIN_SUCCESS	Create a new node file.	Image Manager > Tools > Node File
IMGVECTORIZE FILENODE OPEN [FileName]	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Open the specified node file. If FileName is not specified, the File Selection dialog opens.	Image Manager > Tools > Node File
IMGVECTORIZE FILENODE SAVE	NONE	KIN_ERROR KIN_SUCCESS	Save changes to the current node file.	Image Manager > Tools > Node File
IMGVECTORIZE FILENODE SAVEAS [FileName]	Input: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Save the current node file in the specified file. If FileName is not specified, the File Creation dialog opens.	Image Manager > Tools > Node File
IMGVECTORIZE FILTER GET (Filter)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return the name of the current filter used by Vectorize tools.	Image Manager > Tools > Vectorize
IMGVECTORIZE FILTER SET <Filter>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the name of the current filter used by Vectorize tools.	ToolVectorize > Convert lines > Filter

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE IMGVERSION GET (version) (subversion) (revision) (subrevision)	Output: SHORT SHORT SHORT SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the required version, subversion, revision and subrevision of Descartes that should be used with this version of Vectorize.	
IMGVECTORIZE PLACE ELEMENT	NONE	KIN_SUCCESS	Start the Place Element command.	Image Manager > Tools > Vectorize
IMGVECTORIZE PLACE NODE	NONE	KIN_SUCCESS	Start the Place Nodes command.	Image Manager > Tools > Vectorize
IMGVECTORIZE PLACENODE GETBOUNDARY (Boundary)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return the boundary type used by the Place Nodes command. Area types are: NONE, BLOCK, ELEMENT, FENCE, IMAGE or UNLIMITED.	Image Manager > Tools > Vectorize > Place Nodes
IMGVECTORIZE PLACENODE SETBOUNDARY < NONE BLOCK ELEMENT FENCE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the boundary type used by the Place Nodes command. Area types are: NONE, BLOCK, ELEMENT, FENCE, IMAGE or UNLIMITED.	Image Manager > Tools > Vectorize > Place Nodes
IMGVECTORIZE RASTERENTITY GET (RasterEntity)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return the raster entity used by convert commands.	Image Manager > Tools > Vectorize
IMGVECTORIZE RASTERENTITY SET < LINE OUTLINE >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the raster entity used by convert commands. Entity are: LINE or OUTLINE.	Image Manager > Tools > Vectorize

MicroStation Descartes Key-in Tables

Vectorize Key-In

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE RASTERLINEWIDTH GET (LineWidth)	Input: Dpoint3d address Output: DOUBLE	KIN_INVALID_PARAM KIN_NOIMAGE KIN_INVALID_POINT KIN_SUCCESS	Returns the line width of the raster line under the input given point in the active image. Returns values are in UOR.	
IMGVECTORIZE RASTERSNAP GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the current status of the "Raster Snap" toggle (ON/OFF) used by the Vectorize tools.	Image Manager > Tools > Vectorize
IMGVECTORIZE RASTERSNAP SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the current status of the "Raster Snap" toggle to OFF.	Image Manager > Tools > Vectorize
IMGVECTORIZE RASTERSNAP SETON	NONE	KIN_ERROR KIN_SUCCESS	Set the current status of the "Raster Snap" toggle to ON.	Image Manager > Tools > Vectorize
IMGVECTORIZE SELECTTEXTFILTER GET (Filter)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return the name of the current filter for the Convert Text command.	Image Manager > Tools > Text/Cells > Convert Text
IMGVECTORIZE SELECTTEXTFILTER SET <Filter>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the filter for the Convert Text command.	Idem
IMGVECTORIZE TENTATIVERASTERS NAP GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the status of the "Tentative" toggle (ON/OFF).	Image Manager > Settings > Draw
IMGVECTORIZE TENTATIVERASTERS NAP SETOFF	NONE	KIN_SUCCESS	Set the status of the "Tentative" toggle to OFF.	Idem
IMGVECTORIZE TENTATIVERASTER- SNAP SETON	NONE	KIN_SUCCESS	Set the status of the "Tentative" toggle to ON.	Idem

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE TEXTAUTOERASE- COLOR GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the status of the “Auto Set Eraser Color” toggle (ON/OFF).	Image Manager > Tools > Text/Cells > Convert Text
IMGVECTORIZE TEXTAUTOERASE- COLOR SETOFF	NONE	KIN_SUCCESS	Set the status of the “Auto Set Eraser Color” toggle to OFF.	Idem
IMGVECTORIZE TEXTAUTOERASE- COLOR SETON	NONE	KIN_SUCCESS	Set the status of the “Auto Set Eraser Color” toggle to ON.	Idem
IMGVECTORIZE TEXTCONVERTNOW GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the status of the “Convert Now” toggle (ON/OFF).	Idem
IMGVECTORIZE TEXTCONVERTNOW SETOFF	NONE	KIN_SUCCESS	Set the status of the “Convert Now” toggle to OFF.	Idem
IMGVECTORIZE TEXTCONVERTNOW SETON	NONE	KIN_SUCCESS	Set the status of the “Convert Now” toggle to ON.	Idem
IMGVECTORIZE TEXTERASERASTER GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the status of the “Erase Raster” toggle (ON/OFF).	Idem
IMGVECTORIZE TEXTERASERASTER SETOFF	NONE	KIN_SUCCESS	Set the status of the “Erase Raster” toggle to OFF.	Idem
IMGVECTORIZE TEXTERASERASTER SETON	NONE	KIN_SUCCESS	Set the status of the “Erase Raster” toggle to ON.	Idem

MicroStation Descartes Key-in Tables

Vectorize Key-In

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE TEXTERASERCOLOR GET (Color)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the current eraser color.	Idem
IMGVECTORIZE TEXTERASERCOLOR SET <Color>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the current eraser color.	Idem
IMGVECTORIZE TEXTERASERCOLOR 1BIT GET (Color)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return the current eraser color for 1 bit image.	Idem
IMGVECTORIZE TEXTERASERCOLOR 1BIT SET < BACKGROUND FOREGROUND >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the current eraser color for 1 bit image.	Idem
IMGVECTORIZE TEXTFILTER GET (Filter)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return the name of the current filter for the Convert Text command.	Idem
IMGVECTORIZE TEXTFILTER SET <Filter>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the filter for the Convert Text command.	Idem
IMGVECTORIZE TEXTFIT GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the status of the "Fit Text" toggle (ON/OFF).	Idem
IMGVECTORIZE TEXTFIT SETOFF	NONE	KIN_SUCCESS	Set the status of the "Fit Text" toggle to OFF.	Idem
IMGVECTORIZE TEXTFIT SETON	NONE	KIN_SUCCESS	Set the status of the "Fit Text" toggle to ON.	Idem
IMGVECTORIZE TEXTSHRINK GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the status of the "Shrink Selection to Text" toggle (ON/OFF).	Idem

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE TEXTSHRINK SETOFF	NONE	KIN_SUCCESS	Set the status of the "Shrink Selection to Text" toggle to OFF.	Idem
IMGVECTORIZE TEXTSHRINK SETON	NONE	KIN_SUCCESS	Set the status of the "Shrink Selection to Text" toggle to ON.	Idem
IMGVECTORIZE TEXTTHEME GET (Theme)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return the name of the current theme for the Convert Text command.	Idem
IMGVECTORIZE TEXTTHEME SET <Theme>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the theme for the Convert Text command.	Idem
IMGVECTORIZE THEME GET (Theme)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return the name of the current theme used by Vectorize tools.	Image Manager > Tools > Vectorize
IMGVECTORIZE THEME SET <Theme>	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the theme used by Vectorize tools.	Image Manager > Tools > Vectorize
IMGVECTORIZE TOOLNODES CLOSE	NONE	KIN_SUCCESS	Close the Node File tool box.	Image Manager > Tools > Node File
IMGVECTORIZE TOOLNODES OPEN	NONE	KIN_SUCCESS	Open the Node File tool box.	Image Manager > Tools > Node File
IMGVECTORIZE TOOLTEXTCELLS CLOSE	NONE	KIN_SUCCESS	Close the Text / Cells tool box.	Image Manager > Tools > Text / Cells
IMGVECTORIZE TOOLTEXTCELLS OPEN	NONE	KIN_SUCCESS	Open the Text / Cells tool box.	Image Manager > Tools > Text / Cells

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Vectorize Key-In

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGVECTORIZE TOOLVECTORIZE CLOSE	NONE	KIN_SUCCESS	Close the Vectorize tool box.	Image Manager > Tools > Vectorize
IMGVECTORIZE TOOLVECTORIZE OPEN	NONE	KIN_SUCCESS	Open the Vectorize tool box.	Image Manager > Tools > Vectorize
IMGVECTORIZE VECTORMODE GET (Mode)	Output: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Return the current mode for placing or continuing elements. Modes are POINT and STREAM.	Image Manager > Tools > Vectorize > Place and Continue Element
IMGVECTORIZE VECTORMODE SET < POINT STREAM >	Input: STRING	KIN_INVALID_PARAM KIN_SUCCESS	Set the current mode for placing or continuing elements. Modes are POINT and STREAM.	Idem
IMGVECTORIZE VECTORSNAP GET (Status)	Output: SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Return the current status of the "Vector Snap" toggle (ON/OFF).	Image Manager > Tools > Vectorize > Place Nodes
IMGVECTORIZE VECTORSNAP SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set the current status of the "Vector Snap" toggle to OFF.	Idem
IMGVECTORIZE VECTORSNAP SETON	NONE	KIN_ERROR KIN_SUCCESS	Set the current status of the "Vector Snap" toggle to ON.	Idem
IMGVECTORIZE VERSION GET (version) (subversion) (revision) (subrevision)	Output: SHORT SHORT SHORT SHORT	KIN_INVALID_PARAM KIN_SUCCESS	Returns the current version, subversion, revision and subrevision of Vectorize.	

Generic Plot Key-ins

Used with the “dcgen.plt” driver.

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGGENPLOT BRIGHTNESS GET (percent)	Output: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Brightness percent value used for plotting.	Image Manager> Plot> Setup> Device
IMGGENPLOT BRIGHTNESS SET <percent>	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the Brightness percent value used for plotting.	Image Manager> Image Manager> Plot> Setup> Device
IMGGENPLOT CONTRAST GET (percent)	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Contrast percent value used for plotting.	Image Manager> Plot> Setup> Device
IMGGENPLOT CONTRAST SET <percent>	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the Contrast percent value used for plotting.	Image Manager> Plot> Setup> Device
IMGGENPLOT DIALOG OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the Generic Image Plotting Device dialog.	Image Manager> Plot> Setup> Device
IMGGENPLOT GRAYSCALE GET (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Get the Grayscale toggle value used for plotting.	Image Manager> Plot> Setup> Device
IMGGENPLOT GRAYSCALE SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set to OFF the Grayscale toggle used for plotting.	Image Manager> Plot> Setup> Device

MicroStation Descartes Key-in Tables

Generic Plot Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGGENPLOT GRAYSCALE SETON	NONE	KIN_ERROR KIN_SUCCESS	Set to ON the Grayscale toggle used for plotting.	Image Manager> Plot> Setup> Device
IMGGENPLOT FENCE GET (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Fence toggle value used for plotting.	Image Manager> Plot> Setup> Device
IMGGENPLOT FENCE SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set to OFF the Fence toggle used for plotting.	Image Manager> Plot> Setup> Device
IMGGENPLOT FENCE SETON	NONE	KIN_ERROR KIN_SUCCESS	Set to ON the Fence toggle used for plotting	Image Manager> Plot> Setup> Device
IMGGENPLOT PLOT RASTER GET (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Plot Raster toggle value used for plotting.	Image Manager> Plot> Setup> Device
IMGGENPLOT PLOT RASTER SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set to OFF the Plot Raster toggle used for plotting.	Image Manager> Plot> Setup> Device
IMGGENPLOT PLOT RASTER SETON	NONE	KIN_ERROR KIN_SUCCESS	Set to ON the Plot Raster toggle used for plotting	Image Manager> Plot> Setup> Device

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGGENPLOT RESOLUTION GET (resolution)	Output: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Resolution value used for plotting.	Image Manager> Plot> Setup> Device
IMGGENPLOT RESOLUTION SET <resolution>	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the Resolution value used for plotting.	Image Manager> Plot> Setup> Device

PostScript Plot Key-ins

Used with the “dcps.plt” driver.

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGPSLOT ANGLE GET (angle)	Output: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Angle value used for plotting.	Image Manager> Plot> Setup> Device
IMGPSLOT ANGLE SET <angle>	Input param: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the Angle value used for plotting.	Image Manager> Plot> Setup> Device
IMGPSLOT BRIGHTNESS GET (percent)	Output: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Brightness percent value used for plotting.	Image Manager> Plot> Setup> Device
IMGPSLOT BRIGHTNESS SET <percent>	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the Brightness percent value used for plotting.	Image Manager> Plot> Setup> Device
IMGPSLOT CONTRAST GET (percent)	Output: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Contrast percent value used for plotting.	Image Manager> Plot> Setup> Device
IMGPSLOT CONTRAST SET <percent>	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the Contrast percent value used for plotting.	Image Manager> Plot> Setup> Device
IMGPSLOT DIALOG OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the Postscript Image Plotting Device dialog.	Image Manager> Plot> Setup> Device

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGPSLOT FENCE GET (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Fence toggle value used for plotting.	Image Manager> Plot> Setup> Device
IMGPSLOT FENCE SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set to OFF the Fence toggle used for plotting.	Image Manager> Plot> Setup> Device
IMGPSLOT FENCE SETON	NONE	KIN_ERROR KIN_SUCCESS	Set to ON the Fence toggle used for plotting	Image Manager> Plot> Setup> Device
IMGPSLOT FREQUENCY GET (frequency)	Output: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Frequency value used for plotting.	Image Manager> Plot> Setup> Device
IMGPSLOT FREQUENCY SET <frequency>	Input param: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the Frequency value used for plotting.	Image Manager> Plot> Setup> Device
IMGPSLOT GRAYSCALE GET (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Get the Grayscale toggle value used for plotting.	Image Manager> Plot> Setup> Device
IMGPSLOT GRAYSCALE SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set to OFF the Grayscale toggle used for plotting.	Image Manager> Plot> Setup> Device
IMGPSLOT GRAYSCALE SETON	NONE	KIN_ERROR KIN_SUCCESS	Set to ON the Grayscale toggle used for plotting.	Image Manager> Plot> Setup> Device

MicroStation Descartes Key-in Tables

PostScript Plot Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGPSPLOT OUTPUT GET (output)	Output: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the option value for Output. Options are 8BITS and 24BITS.	Image Manager> Plot> Setup> Device
IMGPSPLOT OUTPUT SET < 8BITS 24 BITS >	Input param: STRING	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the option value for Output.	Image Manager> Plot> Setup> Device
IMGPSPLOT PLOT RASTER GET (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Plot Raster toggle value used for plotting.	Image Manager> Plot> Setup> Device
IMGPSPLOT PLOT RASTER SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set to OFF the Plot Raster toggle used for plotting.	Image Manager> Plot> Setup> Device
IMGPSPLOT PLOT RASTER SETON	NONE	KIN_ERROR KIN_SUCCESS	Set to ON the Plot Raster toggle used for plotting	Image Manager> Plot> Setup> Device
IMGPSPLOT PRINTERDEFAULT GET (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Printer Default toggle value used for plotting.	Image Manager> Plot> Setup> Device
IMGPSPLOT PRINTERDEFAULT SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set to OFF the Printer Default toggle used for plotting.	Image Manager> Plot> Setup> Device
IMGPSPLOT PRINTERDEFAULT SETON	NONE	KIN_ERROR KIN_SUCCESS	Set to ON the Printer Default toggle used for plotting.	Image Manager> Plot> Setup> Device

MicroStation Descartes Key-in Tables

PostScript Plot Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGPSLOT RESOLUTION GET (resolution)	Output: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Resolution value used for plotting.	Image Manager> Plot> Setup> Device
IMGPSLOT RESOLUTION SET <resolution>	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the Resolution value used for plotting.	Image Manager> Plot> Setup> Device

RTL Plot Key-ins

Used with the “dctrl.plt” driver.

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGRTLPLOT GRAYSCALE SETON	NONE	KIN_ERROR KIN_SUCCESS	Set to ON the Grayscale toggle used for plotting.	Image Manager> Plot> Setup> Device
IMGRTLPLOT BRIGHTNESS GET (percent)	Output: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Brightness percent value used for plotting.	Image Manager> Plot> Setup> Device
IMGRTLPLOT BRIGHTNESS SET <percent>	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the Brightness percent value used for plotting.	Image Manager> Plot> Setup> Device
IMGRTLPLOT CONTRAST GET (percent)	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Contrast percent value used for plotting.	Image Manager> Plot> Setup> Device
IMGRTLPLOT CONTRAST SET <percent>	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the Contrast percent value used for plotting.	Image Manager> Plot> Setup> Device
IMGRTLPLOT DIALOG OPEN	NONE	KIN_ERROR KIN_SUCCESS	Open the RTL Image Plotting Device dialog.	Image Manager> Plot> Setup> Device
IMGRTLPLOT FENCE GET (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Fence toggle value used for plotting.	Image Manager> Plot> Setup> Device

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGRTLPLLOT FENCE SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set to OFF the Fence toggle used for plotting.	Image Manager> Plot> Setup> Device
IMGRTLPLLOT FENCE SETON	NONE	KIN_ERROR KIN_SUCCESS	Set to ON the Fence toggle used for plotting	Image Manager> Plot> Setup> Device
IMGRTLPLLOT GRAYSCALE GET (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Get the Grayscale toggle value used for plotting.	Image Manager> Plot> Setup> Device
IMGRTLPLLOT GRAYSCALE SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set to OFF the Grayscale toggle used for plotting.	Image Manager> Plot> Setup> Device
IMGRTLPLLOT PLOTRASTER GET (status)	Output: SHORT	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Plot Raster toggle value used for plotting.	Image Manager> Plot> Setup> Device
IMGRTLPLLOT PLOTRASTER SETOFF	NONE	KIN_ERROR KIN_SUCCESS	Set to OFF the Plot Raster toggle used for plotting.	Image Manager> Plot> Setup> Device
IMGRTLPLLOT PLOTRASTER SETON	NONE	KIN_ERROR KIN_SUCCESS	Set to ON the Plot Raster toggle used for plotting	Image Manager> Plot> Setup> Device

MicroStation Descartes Key-in Tables

RTL Plot Key-ins

Key-In	Parameters	Returned Error Codes	Description	Graphical Interface
IMGRTL PLOT RESOLUTION GET (resolution)	Output: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Return the Resolution value used for plotting.	Image Manager> Plot> Setup> Device
IMGRTL PLOT RESOLUTION SET <resolution>	Input: LONG	KIN_INVALID_PARAM KIN_ERROR KIN_SUCCESS	Set the Resolution value used for plotting.	Image Manager> Plot> Setup> Device