

GTX Draw Commands

Command	Result	Available
	GTEXT Draws raster Text in the current image.	CAD & PLUS
	GLINE Draws a raster line in the current image.	CAD & PLUS
	GARC Draws a raster arc in the current image.	CAD & PLUS
	GCIRCLE Draws a raster circle in the current image.	CAD & PLUS
	GLINE2 Draws multiple raster lines in the current image.	CAD & PLUS
	GRECTANGLE Draws a raster rectangle in the current image.	CAD & PLUS
	GROTRECTANGLE Draws a raster rectangle at any orientation angle.	CAD & PLUS

Color Commands

GTX provides commands to enable you to Reduce and Separate color images.

Command	Result	Available
	GREDUCE Reduces the number of colors in an image to a more manageable number	CAD & PLUS
	GSEPARATE separates out individual colors, or selected groups of colors from a color image	CAD & PLUS
	GBITONAL Automatically reduces a color image to a binary (1-bit) image.	CAD & PLUS

Intelligent Object Picking (IOP)

IOPs permit you to accurately select shapes within raster drawings.

IOP	Result	IOP	Result
	Window All in rectangle		PWindow All in polygon
	Crossing Inside & crossing polygon		PCrossing Inside & crossing polygon
	Inside Entirely within rectangle		Pinside Entirely within polygon
	RWindow All in rotatable rectangle		RCrossing Inside & crossing rotatable rectangle
	RInside Entirely within rotatable rectangle		Fence Crossing polyline
	Line Intelligent Line		Arc Intelligent Arc
	2p-Circle Intelligent Circle		Circle Intelligent Circle
	Object Isolated object		Segment Contour/Segment
	AllText All Text		Text Win Text Window
	Text Line Text Line		Under Under vector
	Add Adds to selection		Previous Previous selection
	Remove Removes from selection		All All Raster
	Undo Undo last pick		

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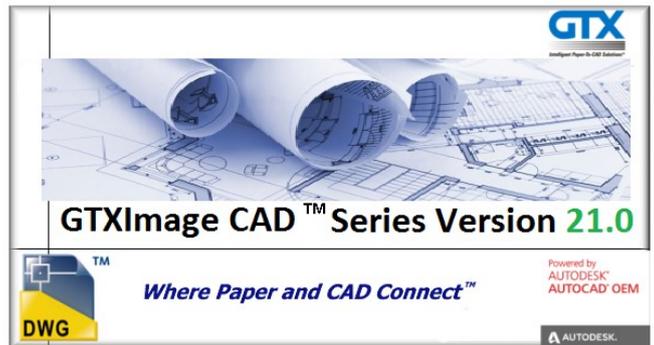


Intelligent Paper to CAD Solutions®

GTXImage CAD™ Series V21.0 Quick Reference booklet

GTXImage CAD™

GTXImage CAD™ PLUS



Installation

If you are installing a purchased product, be sure to install the correct product or it will only run in demo mode.

If you are evaluating the software, please note that each product includes different features. You can install *PLUS* to try out most of the series' features.

1) Run **SETUP.EXE** from DVD-ROM.

2) When asked for the product you are installing, select either GTXImage CAD, or GTXImage CAD *PLUS* and either Metric or Imperial, then continue to follow the remaining prompts.

If you are installing a Demonstration version you do not need to activate your license.

Activate Your License

For licensed products:

GTXImage CAD™ Series V21.0 is licensed by a Software lock, this can be either a single user license or a network floating license.

For Software Locking please refer to the following help file:

[GTX_Flex_Licensing.chm](#)

These files can also be found on the GTX product DVD.

MINIMUM SYSTEM REQUIREMENTS:

CPU	Pentium 4 or AMD Athlon equivalent processor 1.6 GHz or higher with SSE2 technology
Hard Drive	2 GB free hard disk space for installation
Memory	2 Gb RAM (8Gb Recommended)
Display	1024 X 768 or better
Environment	Windows 10 (32 & 64 Bit), Windows 8/8.1 (32 & 64 Bit) & Windows 7 (32 & 64 Bit)
Display	1024 X 768 VGA with True Color

Imaging Commands

Command	Result	Available
 GATTACH	Loads or attaches a raster image	CAD & PLUS
 GPDFAttach	Loads or attaches a PDF image	CAD & PLUS
 GDETACH	UNLoads or detaches a raster image	CAD & PLUS
 GINFO	Obtains details about the current raster image	CAD & PLUS
 GCREATE	Creates a new raster image	CAD & PLUS
 GSAVE	Saves the currently selected raster image	CAD & PLUS
 GPDFSave	Saves the currently selected raster image to a PDF	CAD & PLUS
 GCUT	Cuts raster to a file or a memory buffer.	CAD & PLUS
 GPASTE	Pastes raster data into current image from buffer or raster file.	CAD & PLUS
 GRESIZE	Resizes the active image	CAD & PLUS
 GINVERT	Reverses the background and foreground raster colors of the current raster image.	CAD & PLUS
 GACTIVE	Loads an image and makes it "current"	CAD & PLUS
 GINACTIVE		
 IMAGEFRAME	Displays image frames so you can select images.	CAD & PLUS
 GHELP	Launches GTXRaster CAD Help File	CAD & PLUS

Edit Commands

Edit commands let you directly edit drawings without converting them to vector first.

Command	Result	Available
 GERASE	Erases selected raster.	CAD & PLUS
 GCOPY	Copies selected raster to a new location in the current image.	CAD & PLUS
 GMCOPY	Multiple Copies of selected raster to a new location in the current image.	CAD & PLUS
 GMIRROR	Mirrors selected raster across a mirror line.	CAD & PLUS
 GOFFSET	Offsets raster lines, arcs and circles.	CAD & PLUS
 GARRAY	Copies selected raster data in rectangular or polar arrays.	CAD & PLUS
 GMOVE	Moves selected raster data.	CAD & PLUS
 GROTATE	Rotates selected raster data to a specified angle.	CAD & PLUS
 GSCALE	Scales selected raster data by a specified scale factor.	CAD & PLUS
 GCOORDS	Resizes the raster image by a specified measurement.	CAD & PLUS
 GCHANGE	Stretches raster lines, arcs and circles.	CAD & PLUS
 GCTEXT	Change raster text by text replacement	CAD & PLUS
 GSLICE	Slices raster objects that should not be joined.	CAD & PLUS
 GRUB	Erases raster under selected vector objects.	CAD & PLUS
 GSMOOTH	Smoothens the selected raster data.	CAD & PLUS
 GWARP	Stretches areas of the current image between source and destination points.	CAD & PLUS
GREFLCT	Reflects the current image about the X or Y axis.	CAD & PLUS

Modify Images Commands

Modify Images commands applies the AutoCAD Move, Copy, Scale and Rotate commands to all images at once.

Command	Result	Available
 GMAI	Moves all images.	CAD & PLUS
 GCAI	Copies all images.	CAD & PLUS
 GSAI	Scales all images.	CAD & PLUS
 GRAI	Rotates all images.	CAD & PLUS

Enhance Commands

Enhance commands provide an effective way to prepare an image for

Command	Result	Available
 GTURN	Quickly Turns the active image by a multiple of 90 degrees.	CAD & PLUS
 GDESKEW	Deskews the current image.	CAD & PLUS
 GADESKEW	Automatically deskews the current image.	CAD & PLUS
 GSPECKLE	Deletes speckles from the current image.	CAD & PLUS
 GCLEANIOP	Automatically deskews and despeckles the current image.	CAD & PLUS
 GACLEAN	Automatically cleans and deskews the current image.	CAD & PLUS
 GCROP	Deletes all raster data outside a specified rectangular window.	CAD & PLUS
 GERASE	Erases selected raster.	CAD & PLUS

Conversion Commands

Conversion commands translate data from one format to another (i.e., raster to vector).

Command	Result	Available	
 R/V	GCONVRT	Converts raster data to AutoCAD vector geometry.	PLUS
 A'	GHTEXT	Edit vector text and create a raster underlay.	CAD & PLUS
 O	GHYBIRDMODE	Enable vector overlay of drawn raster lines, arcs, circles, rectangles and text.	CAD & PLUS
 V/R	GRASTER	Converts vector objects to raster.	CAD & PLUS
 G	GECONVRT	Converts the edges of solid raster to vector objects.	PLUS
 E	GEDGE	Removes the inside of solid raster regions, leaving only the edge.	CAD & PLUS
 B	GBURN	Converts all vector objects in the drawing to raster ("burns" to raster).	CAD & PLUS
 10	DRAWORDER	Moves all raster image entities' draworder to back.	CAD & PLUS
 G	GTRACE	Traces over raster objects with vector entities	CAD & PLUS
 V	GVECTOR	Converts a single raster entity into vector	CAD & PLUS

TEXT Conversion Commands

Command	Result	Available	
 R/T	GTCONFIG	Configures text conversion.	PLUS
 C	GTRAIN	Trains ICR recognition files.	PLUS
 R/T	GTCONVRT	Converts raster text to AutoCAD text objects.	PLUS