GTX Draw Commands

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

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	ALL
GSEPARATE	separates out individual colors, or selected groups of colors from a color image	ALL
GBITONAL	Automatically reduces a color image to a binary (1-bit) image.	ALL

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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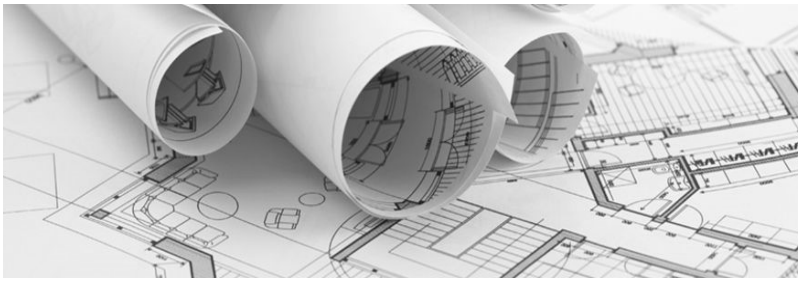
Where Paper and CAD Connect ™



Intelligent Paper to CAD Solutions®

GTXRaster CAD® 2021 Series

Quick Reference booklet

GTXRaster CAD® PLUS

GTXRaster CAD®

GTX Raster CAD AutoCAD 2021

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 Download link.

2) When asked for the product you are installing, select GTXRaster CAD or GTXRaster CAD *PLUS*.

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

Activate Your License

For licensed products:

GTX Raster CAD 2021 Series 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

MINIMUM SYSTEM REQUIREMENTS:

Windows® 10 (64 Bit)

Windows® 8/8.1 (64 Bit)

Pentium 4 or equivalent processor,
2GB RAM, 100MB free hard disc space & 512MB swap space.
Full AutoCAD 2021 (Not AutoCAD LT)

Windows 10 Compatible Windows 8 Compatible

Imaging Commands

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

Edit Commands

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

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

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.	ALL
GCAI	Copies all images.	ALL
GSAI	Scales all images.	ALL
GRAI	Rotates all images.	ALL

Enhance Commands

Enhance commands provide an effective way to prepare an image for editing or conversion.

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

Conversion Commands

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

Command	Result	Available
GCONVRT	Converts raster data to AutoCAD vector geometry.	PLUS
GHTEXT	Edit vector text and create a raster underlay.	ALL
GHYBIRDMODE	Enable vector overlay of drawn raster lines, arcs, circles, rectangles and text.	ALL
GRASTER	Converts vector objects to raster.	ALL
GECONVRT	Converts the edges of solid raster to vector objects.	PLUS
GEDGE	Removes the inside of solid raster regions, leaving only the edge.	ALL
GBURN	Converts all vector objects in the drawing to raster (“burns” to raster).	ALL
DRAWORDER	Moves all raster image entities’ draworder to back.	ALL
GTRACE	Traces over raster objects with vector entities	ALL
GVECTOR	Converts a single raster entity into vector	ALL

TEXT Conversion Commands

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