



Intelligent Paper to CAD Solutions® Quick Reference Road Map



GTXRaster CAD® Series V8.0, V8.5:

GTXRaster Tools™
GTXRaster CAD®
GTXRaster R2V™
GTXRaster CAD® PLUS

Part # 31228

Installation

1. Run **SETUP.EXE** from CD-ROM.
2. When asked for the product you are installing, select GTXRaster Tools, GTXRaster CAD, GTXRaster R2V or GTXRaster CAD PLUS.

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. If you install GTXRaster CAD PLUS, which is the 'top level' version of the product series, you may test and try out all the series' features.

Imaging Commands



Command	Result	Available
GATTACH	Loads or attaches a raster image	ALL
GACTIVE	Loads an image and makes it "current"	ALL
GINACTIVE		
IMAGE	Displays the AutoCAD Image Manager	ALL
GCREATE	Creates a new raster image	ALL
GRESIZE	Resizes the active image	ALL
GSAVE	Saves the currently selected raster image	ALL
DRAWORDER-BACK	Moves all raster image entities' draworder to back.	ALL
GTRANS_ON	Makes background pixels in images transparent	ALL
IMAGEFRAME	Displays image frames so you can select images.	ALL

About GTX Corporation

Since 1987 when GTX introduced the first operative hardware and software product that successfully provided scanning of paper and aperture-card technical drawings and automatic conversion of scanned images to CAD format, GTX has been providing state of the art software solutions to the Technical Imaging industry and the CAD, GIS and EDM markets. GTX Corporation - Where Paper and CAD Connect™

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Activate Your License

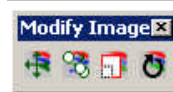
If you are just installing a demonstration, **STOP HERE**.
For licensed products:

1. Run **HDD32.EXE** to install HASP drivers
3. **Attach the HASP** security key to your computer
4. Run **CUSTOMER.EXE**
5. Select **GET ID** to obtain your HASP ID from your key. The HASP ID is not printed on the outside of your key.
6. **Register your product:**
 - a. **Online** at www.gtx.com/authorize.asp, or...
 - b. **Via fax** using the blue form that was shipped with your product
7. GTX will return one or more **RUS PASSWORDS** to authorize your HASP key.
8. Run **CUSTOMER.EXE** again and select MANUAL.
9. Enter the RUS PASSWORD. The HASP key is authorized and your software fully active! Now you can run your software.

Network Licenses:

Install your software on the computer that is to be the license server. See "Network Security" in your user's manual for more information.

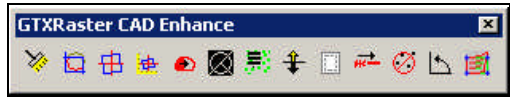
Modify Images Commands



Modify Images commands applies 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
GACLEAN	Automatically cleans and deskews the current image.	CAD, R2V, PLUS
GCROP	Deletes all raster data outside a specified rectangular window.	ALL
GDESKEW	Deskews the current image.	ALL
GADESKEW	Automatically deskews the current image.	CAD, R2V, PLUS
GEDGE	Removes the inside of solid raster regions, leaving only the edge.	ALL
GINVERT	Reverses the background and foreground raster colors of the current raster image.	ALL

Edit Commands



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

Command	Result	Available
GARRAY	Copies selected raster data in rectangular or polar arrays.	CAD, PLUS
GCHANGE	Stretches raster lines, arcs and circles.	CAD, PLUS
GCUT	Cuts raster to a file or a memory buffer.	CAD, PLUS
GCOPY	Copies selected raster to a new location in the current image.	CAD, PLUS
GERASE	Erases selected raster.	ALL
GRUB	Erases raster under selected vector objects.	CAD, PLUS
GMIRROR	Mirrors selected raster across a mirror line.	CAD, PLUS

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.	R2V, PLUS
GTCONFIG	Configures text conversion.	R2V, PLUS
GTRAIN	Trains ICR recognition files.	R2V, PLUS
GTCONVRT	Converts raster text to AutoCAD text objects.	R2V, PLUS
GRASTER	Converts vector objects to raster.	CAD, R2V, PLUS
GECONVRT	Converts the edges of solid raster to vector objects.	R2V, PLUS
GBURN	Converts all vector objects in the drawing to raster ("burns" to raster).	CAD, R2V, PLUS

Enhance Commands, Continued

Command	Result	Available
GCLEANIOP	Automatically deskews and despeckles the current image.	CAD, R2V, PLUS
GREFLCT	Reflects the current image about the X or Y axis.	ALL
GRESIZE	Re-sizes the current image extents.	ALL
GSMOOTH	Smooths selected raster data.	CAD, R2V, PLUS
GSPECKLE	Deletes speckles from the current image.	ALL
GTURN	Quickly rotates the active image by a multiple of 90 degrees.	ALL
GWARP	Stretches areas of the current image between source and destination points.	CAD, R2V, PLUS

Edit Commands, Continued

Command	Result	Available
GMOVE	Moves selected raster data.	CAD, PLUS
GOFFSET	Offsets raster lines, arcs and circles.	CAD, PLUS
GPASTE	Pastes raster data into current image from buffer or raster file.	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
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

Intelligent Object Picking (IOP)

IOPs permit you to accurately select shapes within raster drawings.

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