

GstarCAD	GstarCAD 2022		ARES Commander 2022	
Files	Pro	Std	ARES Commander	Remark
32-bit / 64-bit Support	✓	✓	✓	
.dwg and .dxf for AutoCAD version 2.5 to latest	✓	✓	✓	
.pat,.shx,.lin and etc	✓	✓	✓	
Password Protection	✓	✓		
File Recover and Audit	✓	✓	✓	
Purge	✓	✓	✓	
Etransmit	✓	✓	✓	PACKANDGO
Sheet Set Manager	✓	✓	✓	
CAD Standard .dws	✓	✓	✓	
Xrefs in-place Editing	✓	✓	✓	
DWF Underlay	✓	✓	✓	IMPORTDWF
PDF Underlay	✓	✓	✓	ATTACHPDF
DGN File Formate Support	✓	✓	✓	ATTACHDGN
DWG Convert	✓	✓		
Import to WMF, SAT, 3DS	✓	✓	Partially	
Export to DWG, DWF, DWFX, WMF, SAT, STL, EPS, DXX, BMP	✓	✓	Partially	
Plot and Publish to PDF	✓	✓	✓	
Publish to DWF 2D & 3D	✓	✓		
Collaboration	✓	✓		
IFC format	✓	✓	✓	
ACAD Tool Palettes Import Tool	✓	✓		
Single-document Mode	✓	✓	✓	
Interface	Pro	Std	ARES Commander	Remark
Quick Properties	✓	✓		
Hidden Message Settings	✓	✓		
CUI Menus and Toolbars	✓	✓	✓	
CUI Import & Export	✓	✓		
Drag and Drop Customization	✓	✓		
Visual Menu Customization	✓	✓		
Ribbon/Classic	✓	✓	✓	
Properties Palettes	✓	✓	✓	
Design Center	✓	✓	✓	DESIGNRESOURCES
Tool Palettes	✓	✓		
Xref Palette	✓	✓	✓	
Command Line	✓	✓	✓	
Work Spaces Switching	✓	✓	✓	
WorkSpace command	✓	✓		
Clean Screen	✓	✓	✓	
New Dynamic Input	✓	✓	✓	
File Tab	✓	✓	✓	
Interface themes	✓	✓		
Selection, Snap & Track	Pro	Std	ARES Commander	Remark
SELECTIONCYCLING	✓	✓		
Right-Click + Drag Method	✓	✓		
Selection Preview	✓	✓	✓	
Quick Select	✓	✓	✓	SMARTSELECT
Select Similar	✓	✓	✓	

Xtra Grips for Pline & Hatch Objects	✓	✓	✓	
Osnap	✓	✓	✓	ENTITYSNAP
Grid and Snap	✓	✓	✓	
Polar & OTrack	✓	✓	✓	
Distance from Endpoint and Divide Segments options	✓	✓		
Multifunctional Grips	✓	✓	✓	
Group	✓	✓	✓	
ADDSELECTED command	✓	✓		
Multiple command	✓	✓	✓	REPEAT
Dimensions	Pro	Std	ARES Commander	Remark
DIMCENTER Command	✓	✓	Partially	Not Support Polygon
Reassociate Dimension	✓	✓	✓	✓
Rapid Distance	✓	✓		
Standard Dimensions	✓	✓	✓	
Associative Dimension	✓	✓	✓	
Quick Dimension	✓	✓	✓	SMARTDIMENSION
Qleader	✓	✓	✓	SMARTLEADER
Dimension Break	✓	✓	✓	SPLITDIMENSION
Multileaders	✓	✓	✓	
Constraints			✓	
Voice Note			✓	
Text	Pro	Std	ARES Commander	Remark
Text Align / Text Match	✓	✓		
Change Text	✓	✓		
Mtext	✓	✓	✓	
Text	✓	✓	✓	
Multi-language Character Set	✓	✓	✓	
In-place Text Editor	✓	✓	✓	
Mtext Editor	✓	✓	✓	
Support .shx and .ttf font	✓	✓	✓	
Spelling	✓	✓	✓	SPELLCHECK
Check spelling in Mtext	✓	✓	✓	
Field	✓	✓	✓	
Revcloud	✓	✓	✓	
Wipeout	✓	✓	✓	
Rtext / Arc text	✓	✓	✓	Only Arc text
Text Incremental Copy	✓	✓		
Text on line	✓	✓		
Statistics Summation	✓	✓		
Layers	Pro	Std	ARES Commander	Remark
Auto Layer	✓	✓		
Change to ByLayer (SETBYLAYER)	✓	✓	✓	
Layer Properties Manager	✓	✓	✓	
Layer States Manager	✓	✓	✓	
Layer Translator	✓	✓		
Layer Walk	✓	✓	✓	LAYERPREVIEW
Layer Previous	✓	✓	✓	UNDOLAYER
Layer Isolate	✓	✓	✓	ISOLATELAYER
Layer Unisolate	✓	✓	✓	UNISOLATELAYER
Layer Lock	✓	✓	✓	LOCKLAYER

Layer Unlock	✓	✓	✓	Layer Unlock
Layer Unlock All	✓	✓		
Lock Other Layers	✓	✓		
Layer Freeze	✓	✓	✓	FREEZELAYER
Freeze Other Layer	✓	✓		
Thaw All Layers	✓	✓	✓	THAWLAYERS
Layer Off	✓	✓	✓	HIDELAYER
Off Other Layer	✓	✓		
Trun All Layers On	✓	✓	✓	SHOWLAYERS
Layer Merge	✓	✓	✓	MERGELAYER
Layer Delete	✓	✓	✓	DELETELAYER
Layer Match	✓	✓	✓	MATCHLAYER
Hatch	Pro	Std	ARES Commander	Remark
Hatch objects from Tool Palettes	✓	✓		
Gradient Hatches	✓	✓	✓	
Custom Patterns	✓	✓	Partially	
Background and Color for Hatch Patterns	✓	✓		
Trim/Extend of/to Hatch Pattern Entities	✓	✓		
Superhatch	✓	✓	✓	PATTERNHATCH
Raster images	Pro	Std	ARES Commander	Remark
Raster Image Support (Clipping, Transparency, ...)	✓	✓	✓	
Support Kinds of Image Files (bmp\jpg\png\tga\tif\gif\pcx\...)	Not support ECW	Not support ECW	Partially	Not Support ECW and Others
Express Tools	Pro	Std	ARES Commander	Remark
Fast Select (FASTSEL command)	✓	✓		
Change Base	✓	✓		
Layer Draw Order	✓	✓		
Area Table	✓	✓		
Break Object	✓	✓		
Block Break	✓	✓		
Graphic Compare	✓	✓		
Batpurge	✓	✓		
Layout by Path	✓	✓		
Express Tools	Pro	Std	ARES Commander	Remark
Line2pl	✓	✓		
Sptpl	✓	✓		
GstarCAD Tools	✓	✓		
Table Tools	✓	✓		
Plot tools	✓	✓		
Drawing Compare	✓	✓	✓	DRAWINGCOMPARE
Delete Duplicate Objects (OVERKILL)	✓	✓	✓	DISCARDDUPLICATES
Drawing Lock	✓	✓		
Others	Pro	Std	ARES Commander	Remark
Region	✓		✓	
Make Shape	✓	✓	✓	
Import Layout as Sheet	✓	✓	✓	
Viewport Scale	✓	✓	✓	
Attribute Increment	✓	✓		
Define Layout Viewport from ModelSpace (M2LVPORT)	✓	✓		

Security	✓	✓	✓	
Free Scale	✓	✓		
Hatch to Back	✓	✓		
Reverse	✓	✓		
Synchronize Attributes	✓	✓	✓	PDATEBLOCKATTRIBUTE
Clip	✓	✓	✓	
Array Options	✓	✓	✓	PATTERN
Align Tool / Arrange Tool	✓	✓		
AreaSum	✓	✓		
Table	✓	✓	✓	
Symmetric Draw	✓	✓		
Outline Objects	✓	✓		
Invert Fillet	✓	✓		
Draw and Modify Commands	✓	✓	✓	
Offset Multiple	✓	✓		
Helix	✓	✓	✓	
Real Time Pan & Zoom	✓	✓	✓	
Annotative Objects	✓	✓	✓	EDITANNOTATION
Object Scales	✓	✓	✓	ANNENTITYSCALE
Redraw and Regeneration	✓	✓	✓	REFRESH and REBUILD
Layout and Paper Space	✓	✓	✓	
Layout Viewport settings	✓	✓	Partially	
Magnifier	✓			
Others	Pro	Std	ARES Commander	Remark
Barcode & QR Code	✓	✓		
Cloud Storage	✓	✓	✓	
Non-rectangular Viewports	✓	✓	✓	
Shortcut Customization	✓	✓		
Match Properties Across Drawings	✓	✓		
Multilines and Multiline Styles	✓	✓	✓	
Block Create and Insert	✓	✓	✓	
Block Attribute Definition	✓	✓	✓	MAKEBLOCKATTRIBUTE
Redefine Block	✓	✓	✓	
Refedit	✓	✓	✓	
Hyperlink	✓	✓	✓	
Digitizer Integration	✓	✓		
Scale List	✓	✓	✓	EDITSCALELIST
Dynamic Block Create/Insert/View	✓	✓	✓	
MEASUREGEOM (Sum area and Total Length)	✓	✓		
Dynamic Block Editor (BEDIT)	✓	Partially	✓	
AutoXLSTable	✓	✓		
Pline Boolean	✓	✓		
3D	Pro	Std	ARES Commander	Remark
POLYSOLID	✓		✓	
PLANESURF	✓		✓	
SURFOFFSET	✓			
CONVTOMESH	✓			
CONVTOSOLID	✓			
CONVTOSURFACE	✓			
CONVTONURBS	✓			

Point Cloud	✓	✓		
3D Edition Grips	✓		✓	
Section Plane	✓			
Flatshot	✓		✓	MAKEFLATSNAPSHOT
3D Surfaces	✓	✓	✓	
ACIS Modeling & Editing	✓		✓	
3D Orbit options	✓	✓	✓	
Render	✓		✓	ARENDER
Visual Styles Manager	✓			
Solid Editing	✓		✓	
Solprof / Solview / Soldraw	✓			
Printing	Pro	Std	ARES Commander	Remark
CTB & STB Plot Style Files	✓	✓	✓	
Plot Styles Table Editor	✓	✓	✓	
Built-in Print Driver	✓	✓	✓	
Import & Editing of Page Setups	✓	✓	✓	
Publish	✓	✓		
Hide and Shade Plot	✓	✓	✓	
Batch Print	✓	✓	✓	BATCHPRINT
Arrange frame	✓	✓		

REMARKS

This table is for reference only.□

Empty space means functionally not supported.

The GstarCAD package that contains LT version does not support BEDIT.

Table comparison updated at Aug 31th 2021.

