Compare CMS IntelliCAD vs Autodesk AutoCAD

CMS IntelliCAD® Premium Edition (PE) is designed to give you unrivaled compatibility with Autodesk® AutoCAD® software, and is fully programmable with hundreds of third party solutions. **CMS IntelliCAD** also offers a full suite of 2D and 3D compatible drawing tools. CMS IntelliCAD is the true and best CAD alternative in the market to Autodesk® AutoCAD® Software.

Feature	CMS IntelliCAD® PE / CMS IntelliCAD® PE Easy Run	CMS IntelliCAD® PE+	AutoCAD®	AutoCAD LT®
Native .dwg file support	✔	✔	✔	✔
*.dwg file support for v2.5 up to Latest Version	✔	✔		
Digital Signatures for *.dwg Drawings	✔	✔	✔	✔
MicroStation *.dgn native Open file support	✔ since 8.2	✔ since 8.2		
Open/Save - Supports *.dwg, *.dxf, *,dwf, *.dxb & *.dwt file extensions	✔	✔	✔	✔
Export - Supports 2D/3D *.pdf, *.svg, *,dwf, *.bmp, *.emf, *.wmf, *.dwf & *.stl file extensions	✔	✔	✔	✔
Import - Supports 3D Collada *.dae	✔	✔		
Import/Export - Supports ACIS 3D Solids *.sat		✔	✔	
STEP & IGES Import/Export		✔	✔	
Vectored PDF files Import for direct editing	✔	✔	✔	✔
BIM support *.ifc, *.rvt/*.rfa	no *.ifc	✔		
Attach **point cloud .rcp/.rcs files**.	✔	✔		
Support for command Line	✔	✔	✔	✔
Support for **3D surface** commands	✔	✔	✔	
Facet Modeler for **lightweight 3D drawings**.	✔	✔	✔	
Support for **3D Solids modeling**		✔	✔	
AEC entities such as walls, windows, doors, openings, stairs, railings & slabs, etc.		✔		
Printing, Publishing with eTransmit	✔	✔	✔	✔
LISP support (including DCL)	✔	✔	✔	
Autodesk® Development System (ADS) support	✔	✔	✔	
Object IRX for custom entity creation	✔	✔	ARX	
AutoCAD® software menu (.mnu) and script (.scr) files	✔	✔	✔	✔
TrueType™ font support	✔	✔	✔	✔
Raster Image Support (See full list of supported image file extensions)	✔	✔	✔	
Work with **Multiple Open Drawing**	✔	✔	✔	✔
Explorer for managing layers, block, line types, and more	✔	✔	✔	✔
Express tools	✔	✔	✔	
Tool palettes	✔	✔	✔	✔
Tables support	✔	✔	✔	✔
Microsoft ActiveX support, including in-place editing	✔	✔	✔	
Microsoft **Visual Basic for Applications - VBA 7.1**	✔	✔	✔	
Microsoft **.NET 4.5 API**	✔	✔	✔	
Script Recorder	✔	✔	✔	
Graphical Block Preview	✔	✔	✔	✔
Visual **Menu Customization**	✔	✔	✔	✔
Right-mouse click to edit properties of multiple selected entries	✔	✔	✔	✔
Professional **Photo-realistic 3D Rendering**	✔	✔	✔	
Advanced Photo-realistic **3D Rendering with ARTISAN** Add-on module	✔ since 8.2	✔ since 8.2		
Photo-realistic **3-D Real time shading**	✔	✔	✔	
Photo-realistic **Geographic Location and Geographic Maps**	✔	✔	✔	✔
System Requirements free RAM/HD Space for Full Installation	2GB(64-Bit)/4GB	2GB(64-Bit)/4GB	8GB/10GB	8GB/10GB
Price	Price (/store/standalone/)	Price (/store/standalone/)	Subscription	Subscription