

ZWCAD™ 2010 vs. AutoCAD® 2010



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[2010-1-6]

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ZWCAD™ 2010 vs. AutoCAD® 2010

The core engine of ZWCAD™ is based on latest IntelliCAD (www.intellicad.org) technology, a powerful CAD platform that hosts many design applications. ZWCAD™ uses DWG as its native drawing format, and offers you reliable compatibility with AutoCAD® content, from version 2.5 to 2009.

The following table compares the major features between ZWCAD™ and AutoCAD®.

	ZWCAD™ 2010	AutoCAD® 2010	AutoCAD® 2010 LT
Compatibility			
Native DWG & DXF Support	2.5~2009	2.5~2010	2.5~2010
AutoCAD® Command	Yes	Yes	Yes
AutoCAD® Menu(*.mnu)& Alias Support	Yes	Yes	Yes
TTF & SHX Font Support	Yes	Yes	Yes
Linetype file (*.lin) Support	Yes	Yes	Yes
Hatch file (*.pat) Support	Yes	Yes	Yes
Snapshot file (*.sld) Support	Yes	Yes	Yes
Unit file (*.unt) Support	Yes	Yes	Yes
Drafting & Detailing			
2D Geometry Entities	Yes	Yes	Yes
AutoCAD® 3D Surface	Yes	Yes	No
ACIS 3D Solid	Yes	Yes	No
Multilines & Multiline Editing	Yes	Yes	No
In-place Text Editor	Yes	Yes	Yes
External Reference	Yes	Yes	Yes
External Reference, Attributes In-place Editing	Yes	Yes	Yes
Efficient Blocks and Attributes	Yes	Yes	Yes
Raster Image (BMP, TIF, RLE, JPG, PNG, PCX, or TGA)	Yes	Yes	Yes
Gradients Hatch	Yes	Yes	No
OLE (Object Linking and Embedding)Support	Yes	Yes	Yes
Hatch-clip	Yes	Yes	Yes
Multiple Grips Editing	Yes	Yes	Yes
Entity Snap Tracking	Yes	Yes	Yes
True Color System	Yes	Yes	Yes
Management			
Design Center	Yes	Yes	Yes
Tool Palettes	Yes	Yes	Yes
Dynamic Prompt	Yes	Yes	Yes

AutoTrack	Yes	Yes	Yes
Realtime Pan and Zoom	Yes	Yes	Yes
Aerial View	Yes	Yes	Yes
Multiple Document and Tab Environments	Yes	Yes	Yes
Multiple Redo and Undo Facility	Yes	Yes	Yes
Layers and Properties	Yes	Yes	Yes
Quick Dimension	Yes	Yes	No
Quick Calculator	Yes	Yes	Yes
Quick Select	Yes	Yes	Yes
Filter	Yes	Yes	Yes
Collaboration			
Publishing and Plotting	Yes	Yes	Yes
Export to BMP, WMF, EMF, SVG, DWF, EPS, PDF, SAT	Yes	Yes	BMP, WMF only
Paper Space	Yes	Yes	Yes
Realistic Renderings	Yes	Yes	No
Virtual JPEG and PNG Plotters	Yes	Yes	Yes
eTransmit	Yes	Yes	Yes
Plot Stamp	Yes	Yes	Yes
CTB and STB Plot Style	Yes	Yes	Yes
Customization & Programming			
Menu, Toolbar & Alias Customization	Yes	Yes	Yes
AutoLisp (including DCL)	Yes	Yes	No
AutoCAD® Development System(ADS)	SDS (similar to ADS)	Yes	No
AutoCAD® ARX	ZRX(similar to ARX)	Yes	No
VBA Included	Yes	Yes	No
Right-click Customization	Yes	Yes	Yes
Unique Features			
Batch Plot (pltplot)	Yes	No	No
Block Extraction	Yes	No	No
Image with TFW coordinate file	Yes	No	No