

TiffinCAD vs AutoCAD Comparison Chart

Features	AutoCAD			TiffinCAD
	LT	2004 - 2010	2011	
Native dwg format	yes	yes	yes	YES
Support for AutoCAD command line	yes	yes	yes	YES
AutoCAD 3D surface commands	yes*	yes	yes	YES
AutoLISP support (including .DCL)	no	yes	yes	YES
Autodesk Development System (ADS) support	no	yes	yes	YES
Object ARX support	no	yes	yes	YES
AutoCAD menu (.MNU) and script (.SCR) file	yes	yes	yes	YES
True Type font support	yes**	yes	yes	YES
Digitizer Support	no	yes	yes	YES
ACIS 3D solid modeling	no	yes	yes	NO***
Primitive 3D solid	no	yes	yes	YES
Raster image display	yes	yes	yes	YES
Multiple open documents	yes	yes	yes	YES
Drawing Explorer for managing layers, blocks, linetypes ++	yes	yes	yes	YES
Graphical block preview	yes	yes	yes	YES
ActiveX support for in-place editing	no	yes	yes	YES
Visual Basic for Applications (VBA)	no	yes	yes	NO***
Photorealistic 3-D rendering	no	yes	yes	NO***
Script recorder	no	yes	yes	YES
Real Time Pan & Zoom	yes	yes	yes	YES

Visual menu customisation	yes	yes	yes	YES
Right-mouse click to edit properties	yes	yes	yes	YES
Bilingual English/BM GUI & Command line	no	no	no	YES
Unlimited undo	yes	yes	yes	YES
Unlimited redo	no	no	no	YES
PRICE (est)	RM4,900	RM14,800 (2010)	RM14,800	RM1,800
ANNUAL SUBSCRIPTION	yes (for supports)	yes (2010)	yes	NO
LOCAL TECHNICAL SUPPORT	By appointed centres	By appointed centres	By appointed centres	By us, the developers :)

Note:

TiffinCAD drawing format is fully compatible with AutoCAD 2007. For AutoCAD 2009-2010 drawing format, TiffinCAD has a built-in converter that will automatically convert the drawing to compatible format.

- * AutoCAD 3D Surface Command for AutoCAD LT does support 3D commands for AutoCAD but it doesn't support full 3D drawing and editing tools. It also can modify 3D drawings but has very limited 3D capability of its own.
- ** TrueType font support for AutoCAD LT: This function only works if the fonts are installed by the operating system; so that they are listed in the system registry.
- *** TiffinCAD decides not to offer these functions but will soon release an application to link it with a more superior Google Sketchup for more powerful 3-d capabilities.

Bonus Tools for TiffinCAD

TiffinTOOLS-BASE Productivity tools that will help drafters and designers in daily work. TiffinTOOLS-BASE also has a built-in proposed code-of-practice (CP) ie. Layer Standard, Block/Symbol Standard etc. for local industry.

TiffinDATA Interactive electronic products and services catalogue with information ranging from manufacturers' info, product/service list, product images, product/service specifications (including price), drawings and pdf brochures. Supports BIM (Building Information Modeling).

Features	TiffinCAD	AutoCAD 2011/2012
TiffinTOOLS-BASE		
Dynamic Layer Manager – Control layer visibility graphically from the drawing	YES	no
Automatic Area Calculation – Get area, calculate, convert & paste	YES	no
Flexible Selection of Text Size – Change text size in selected area	YES	no
Align Text – Control text alignment	YES	yes
Text Replace – Search and replace text	YES	yes
Dynamic Running Number – Automatic running number with variable incremental value and prefix option.	YES	no
GridLine – Automatically draw gridline with user variable input	YES	no
TiffinSYM – Local standard symbols for various industry	YES	no
Local Layer Standards	YES	no
TiffinDATA		
Manufacturers' product information	YES	no
Drag and drop images, drawings and text specifications into CAD drawing and Microsoft Office files	YES	no
Get Info – Select products in drawings and system will automatically identify the products and display the relevant information	YES	no

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