



QSCad v3 Basic is packed with features v2 users could only dream about, here is a detailed comparison.

	v3.06	v2.13
DRAWING COMPATIBILITY AND SETUP		
Compatible with the latest CAD dwg and dxf formats (AutoCAD 2004, 2006)	✓	✗
Supports Measurement from Scanned and Image files (.bmp, .jpg, .tif)	✓	✓
Automatic Calibration and checking routines for CAD drawings	✓	✓
Manual Calibration for Scanned and Image files	✓	✓
Supports Drawings containing XRefs	✓	✗
Supports Imperial or Metric Drawings	✓	✗
Enables measurement in Imperial or Metric	✓	✗
WORKING WITH THE DRAWING		
Zooming & Panning		
Zoom in and Zoom Out using toolbar buttons	✓	✓
Zoom in and Out using Mouse Wheel	✓	✗
Zoom to a Window	✓	✓
Dymnamic Zooming with Instant refresh	✓	✗
Return to up to 10 previous 'Zooms'	✓	✗
Pan (move drawing) in any direction using toolbar buttons	✓	✓
Pan Dynamically by 'grabbing' drawing and moving	✓	✗
Activate Dymnamic Panning 'hot-key'	✓	✗
Pan and Zoom even when a dialog is open	✓	✗
Views		
Save the Current 'View' of a drawing	✓	✓
Create a 'View' from a Window	✓	✓
Select saved 'Views' from a hotkey	✓	✓
Overlay drawings to identify changes/differences	✓	✓
Open Multiple drawings simultaneously	✓	✗
CAD Drawing Layers and Format		
View drawings in both Paperspace and Modelspace	✓	✓
View drawing in Black and White or CAD colours	✓	✗
Increase resolution to 'smooth curves'	✓	✗
Turn on and off CAD drawing layers	✓	✗
Turn off CAD drawing layers by selecting an item on that layer	✓	✗
Restore CAD layers to original state	✓	✗
Change all CAD layer colours to black	✓	✗
Change all CAD drawing text and lines to black	✓	✗
Change CAD layer colours	✓	✗
Rotate drawing	✓	✗
Set user-defined highlight colour	✓	✗
Create unlimited Measurement layers	✓	✓
BASIC MEASUREMENT		
Generally		
Direct Entry of Measurement Description	✓	✓
Selection of Measurement Description from list of items previously measured	✓	✓
User-defined colours, shading, and line styles	✓	✓
Entry of Additional Dimensions to enable additional calculations e.g. Area or Volume	✓	✓
Designate a measurement as a 'Deduct'	✓	✓
Interactive hatching during measurement	✓	✓
Start Marker placed at origin of measurement	✓	✗
Linear Measurement		
Basic linear measurement using mouse clicks as coordinates	✓	✓
Linear measurement using 'snapping' functions	✓	✓
'Close' linear measurement shape back to original point	✓	✗
Undo last point facility	✓	✓
Linear measurement by selection of lines	✓	✓
Area Measurement		
Basic area measurement using mouse clicks as coordinates	✓	✓
Area measurement using 'snapping' functions	✓	✓
Undo last point facility	✓	✓
Add a void to an Area	✓	✓
Area measurement by selection of lines	✓	✗
Numeric Measurement		
Create and save user-defined markers	✓	✓
Basic numeric measurement using mouse click to select items	✓	✓
Identification and measurement of items drawn as 'blocks' in CAD drawing	✓	✗
Select/deselect 'blocks' to be measured individually	✓	✗
Select/deselect 'blocks' to be measured by defining an area	✓	✗
Check whether an item is a 'block'	✓	✗
Snapping		
Snap to endpoint	✓	✓
Snap to midpoint	✓	✗
Snap to nearest line	✓	✗
ADVANCED MEASUREMENT		
Measurement Setup		
Create and use Master Lists for Standard Measurement Layers	✓	✓
Create and use Master Lists for Standard Descriptions, shading etc.	✓	✓
Create and user Master Lists for Standard Markers	✓	✓
Measurement Components		
Create user-defined components	✓	✓
Create and use a Master Library of Standard Components	✓	✓
Create and use components on an individual drawing	✓	✗
Select Component Descriptions from List of Items previously measured	✓	✗
Change the component and change all items using this component	✓	✗
Repeats		
Repeat a measured area elsewhere on the drawing	✓	✓
Repeat a linear measurement elsewhere on the drawing	✓	✓
Repeat a linear measurement at centres elsewhere on a drawing	✓	✓
Repeat numeric measurements at centres elsewhere on the drawing	✓	✓
Repeat and rotate a linear measurement	✓	✗
Repeat and rotate an area measurement	✓	✗
Repeat and flip an area measurement	✓	✗
Measurement Tools		
Automatically copy a measurement result to the clipboard	✓	✓
Automatically display the quantity after each measurement	✓	✗
Create and save Project Dimensions for use elsewhere	✓	✗
Make a Quick Linear Measurement and add to Project Dimensions	✓	✗
Make a Quick Area Measurement and add to Project Dimensions	✓	✗
Draw your own measurement guidelines	✓	✗
Draw your own measurement guidelines and define an offset	✓	✗

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Measurement Tools (Cont'd.)		
Calculate a curve Radius with a single click	✓	✗
Add Text Notes to a Drawing	✓	✗
Add Voice Notes to a Drawing	✓	✗
Add Text to a Drawing	✓	✓
Create a Take Off List	✓	✗
GRAPHICAL OUTPUT		
Measurement References		
Print Drawing with Unique ID allocated to each measurement	✓	✓
Print Drawing with Description allocated to each measurement	✓	✓
Print Drawing with Quantity displayed for each measurement	✓	✗
Print Drawing with Area and Perimeter quantity displayed for each measurement	✓	✗
Select Font for Measurement References	✓	✗
Select Text Height for Measurement References	✓	✗
Move a Measurement Reference	✓	✓
Option to position Measurement Reference after each measurement	✓	✓
Legend		
Create one or more legends from the measurements within the drawing	✓	✓
Select which items should appear in the legend	✓	✗
Define the symbol size and the text height for legend items	✓	✗
Position the legend on the drawing	✓	✗
Move a legend	✓	✗
Delete individual or multiple items from a legend	✓	✗
Drawing Header		
Position a drawing header on the drawing	✓	✗
Choose to include Project Title, Drawing Title, Visible Layers and Current Date	✓	✗
Move a drawing header	✓	✗
Edit a drawing header to select fonts, etc.	✓	✗
Printing a Drawing		
Print to any Windows Printer	✓	✓
Print Complete drawing	✓	✓
Print an Area of the drawing	✓	✓
Print the Current View	✓	✓
Print to Fit Paper	✓	✓
Print to Scale	✓	✓
Print to span several sheets	✓	✗
Full CAD engine printing functionality	✓	✗
User defined margins	✓	✗
User defined line widths	✓	✗
Window and Full Page Print Previews	✓	✗
BASIC RESULTS		
Create a Detailed Summary of measured items	✓	✓
Create a Consolidated Summary with like items combined	✓	✓
Select measurement layers to include in the Summaries	✓	✓
Change the measurement layers included whilst viewing the Detailed Summary	✓	✗
Full Audit trail from Summary back to measurements with Show Me facility	✓	✓
Include Perimeters for Area Measurements	✓	✓
Include calculations from Additional Dimensions where entered	✓	✓
Easily identify items generated by a Component	✓	✓
Combine measurements generated by a Component with those generated normally	✓	✗
Multiply all displayed measurements by a factor	✓	✓
Display Metric and Imperial Quantities on Consolidated Summary	✓	✗
Round Quantities on Consolidated Summary	✓	✗
Copy Items from the Summary to the Windows Clipboard for pasting elsewhere	✓	✓
Print Detailed and Consolidated Summaries	✓	✓
Export Detailed and Consolidated Summaries to Excel	✓	✓
Export Consolidated Summary for use in other Masterbill products	✓	✓

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DATA ANALYSIS		
Allocate user-defined filter(s) as part of the Measurement process	✓	✗
Allocate user-defined filter(s) retrospectively by selection	✓	✗
Allocate user-defined filter(s) retrospectively by defining an area	✓	✗
Display details of any allocated user-defined filters on the Detailed Summary	✓	✗
Display only measurements that meet user-defined filters criteria on Detailed Summary	✓	✗
Produce Consolidated Summary based on user-defined filters criteria	✓	✗
Special 'Select' Layer which may be populated with similar items or selected items	✓	✗
Detailed Summary of items copied to 'Select' layer	✓	✗
Consolidated Summary of items copied to 'Select' layer	✓	✗
Graphical Output of items copied to 'Select' layer	✓	✗
ADVANCED RESULTS		
Create Summaries from Multiple Drawings (e.g Floors 1-10)	✓	✓
Apply a multiplication factor to each drawing in a Multiple Drawing Summary	✓	✗
Quantify a revisions using Multiple Drawing Summary	✓	✗
EDITING MEASUREMENTS		
Edit a single measurement by selecting	✓	✓
Edit multiple measurements by selecting	✓	✓
Edit multiple measurements by defining an area	✓	✓
Edit all items with the same description	✓	✗
Move measured items	✓	✓
Copy measured items	✓	✓
Rotate measured items	✓	✗
Delete a single measurement by selecting	✓	✓
Delete multiple measurements by selecting	✓	✗
Delete multiple measurements by defining an area	✓	✗
Recycle Bin layer for all deleted measurements	✓	✗
Restore deleted items from the recycle bin	✓	✗
Edit Text	✓	✓
Change Text Sizes	✓	✓
Edit a point in a length measurement	✓	✓
Edit a point in an area measurement	✓	✓
WORKING WITH REVISIONS		
Create a new revision of the drawing with a new measurement file	✓	✓
Create a new revision of the drawing re-using existing measurements	✓	✓
IMPORT / EXPORT FACILITIES		
Export a complete project with all drawings and data files	✓	✗
Export a single drawing together with its data file	✓	✗
Import a complete project with all drawings and data files	✓	✗
Import a single drawing together with its data file	✓	✗
HELP SYSTEM		
Windows Help system including index and search facilities	✓	✓
Show Me' links from Help system to System Videos located on the QScad website	✓	✗
Full Manual Available in PDF format	✓	✓

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