



We believe **QSCad** is the best CAD Measurement system available, check it out for yourself!

	QSCad	?
<b>DRAWING COMPATIBILITY AND SETUP</b>		
Compatible with the latest CAD dwg and dxf formats (AutoCAD 2004, 2006, 2007/2008, 2009)	✓	<input type="checkbox"/>
Supports Measurement from Scanned and Image files (.bmp, .jpg, .tif)	✓	<input type="checkbox"/>
Automatic Calibration and checking routines for CAD drawings	✓	<input type="checkbox"/>
Manual Calibration for Scanned and Image files	✓	<input type="checkbox"/>
Supports Drawings containing XRefs	✓	<input type="checkbox"/>
Supports the display of and snapping to MLines	✓	<input type="checkbox"/>
Supports Imperial or Metric Drawings	✓	<input type="checkbox"/>
Enables measurement in Imperial or Metric	✓	<input type="checkbox"/>
<b>WORKING WITH THE DRAWING</b>		
<b>Zooming &amp; Panning</b>		
Zoom in and Zoom Out using toolbar buttons	✓	<input type="checkbox"/>
Zoom in and Out using Mouse Wheel	✓	<input type="checkbox"/>
Zoom to a Window	✓	<input type="checkbox"/>
Dynamic Zooming with Instant refresh	✓	<input type="checkbox"/>
Return to up to 10 previous 'Zooms'	✓	<input type="checkbox"/>
Pan (move drawing) in any direction using toolbar buttons	✓	<input type="checkbox"/>
Pan Dynamically by 'grabbing' drawing and moving	✓	<input type="checkbox"/>
Activate Dynamic Panning 'hot-key'	✓	<input type="checkbox"/>
Pan and Zoom even when a dialog is open	✓	<input type="checkbox"/>
<b>Views</b>		
Save the Current 'View' of a drawing	✓	<input type="checkbox"/>
Create a 'View' from a Window	✓	<input type="checkbox"/>
Select saved 'Views' from a hotkey	✓	<input type="checkbox"/>
<i>Overlay drawings to identify changes/differences</i>	✓	<input type="checkbox"/>
Open Multiple drawings simultaneously	✓	<input type="checkbox"/>
<b>CAD Drawing Layers and Format</b>		
View drawings in both Paperspace and Modelspace	✓	<input type="checkbox"/>
View drawing in Black and White or CAD colours	✓	<input type="checkbox"/>
Increase resolution to 'smooth curves'	✓	<input type="checkbox"/>
Turn on and off CAD drawing layers	✓	<input type="checkbox"/>
Turn off CAD drawing layers by selecting an item on that layer	✓	<input type="checkbox"/>
Restore CAD layers to original state	✓	<input type="checkbox"/>
Change all CAD layer colours to black	✓	<input type="checkbox"/>
Change all CAD drawing text and lines to black	✓	<input type="checkbox"/>
Change CAD layer colours	✓	<input type="checkbox"/>
Rotate drawing	✓	<input type="checkbox"/>
Set user-defined highlight colour	✓	<input type="checkbox"/>
Create unlimited Measurement layers	✓	<input type="checkbox"/>
<b>BASIC MEASUREMENT</b>		
<b>Generally</b>		
Direct Entry of Measurement Description	✓	<input type="checkbox"/>
Selection of Measurement Description from list of items previously measured	✓	<input type="checkbox"/>
User-defined colours, shading, and line styles	✓	<input type="checkbox"/>
Entry of Additional Dimensions to enable additional calculations e.g. Area or Volume	✓	<input type="checkbox"/>
Designate a measurement as a 'Deduct'	✓	<input type="checkbox"/>
Interactive hatching during measurement	✓	<input type="checkbox"/>
Start Marker placed at origin of measurement	✓	<input type="checkbox"/>

	QSCad	?
<b>Linear Measurement</b>		
Basic linear measurement using mouse clicks as coordinates	✓	<input type="checkbox"/>
Linear measurement using 'snapping' functions	✓	<input type="checkbox"/>
Close' linear measurement shape back to original point	✓	<input type="checkbox"/>
Undo last point facility	✓	<input type="checkbox"/>
<i>Linear measurement by selection of lines</i>	✓	<input type="checkbox"/>
<i>Linear measurement with User-defined Offset</i>	✓	<input type="checkbox"/>
<b>Area Measurement</b>		
Basic area measurement using mouse clicks as coordinates	✓	<input type="checkbox"/>
Area measurement using 'snapping' functions	✓	<input type="checkbox"/>
Undo last point facility	✓	<input type="checkbox"/>
Add a void to an Area	✓	<input type="checkbox"/>
<i>Area measurement by selection of lines</i>	✓	<input type="checkbox"/>
<i>Area measurement by the selection of a circle</i>	✓	<input type="checkbox"/>
<i>Area measurement with User-defined Offset</i>	✓	<input type="checkbox"/>
<b>Numeric Measurement</b>		
Create and save user-defined markers	✓	<input type="checkbox"/>
Basic numeric measurement using mouse click to select items	✓	<input type="checkbox"/>
<i>Identification and measurement of items drawn as 'blocks' in CAD drawing</i>	✓	<input type="checkbox"/>
<i>Select/deselect 'blocks' to be measured individually</i>	✓	<input type="checkbox"/>
<i>Select/deselect 'blocks' to be measured by defining an area</i>	✓	<input type="checkbox"/>
<i>Check whether an item is a 'block'</i>	✓	<input type="checkbox"/>
<i>Identification and measurement of items identified by 'text'</i>	✓	<input type="checkbox"/>
<b>Snapping</b>		
Snap to endpoint, midpoint, nearest line or intersection	✓	<input type="checkbox"/>
Snap to arc	✓	<input type="checkbox"/>
Snap point highlighting	✓	<input type="checkbox"/>
<b>ADVANCED MEASUREMENT</b>		
<b>Measurement Setup</b>		
Create and use Master Lists for Standard Measurement Layers	✓	<input type="checkbox"/>
Create and use Master Lists for Standard Descriptions, shading etc.	✓	<input type="checkbox"/>
Create and user Master Lists for Standard Markers	✓	<input type="checkbox"/>
<b>Measurement Components</b>		
<i>Create user-defined components</i>	✓	<input type="checkbox"/>
<i>Create and use a Master Library of Standard Components</i>	✓	<input type="checkbox"/>
<i>Create and use components on an individual drawing</i>	✓	<input type="checkbox"/>
<i>Select Component Descriptions from List of Items previously measured</i>	✓	<input type="checkbox"/>
<i>Change the component and change all items using this component</i>	✓	<input type="checkbox"/>
<i>Create user-defined template components including variables</i>	✓	<input type="checkbox"/>
<b>Repeats</b>		
<i>Repeat a measured area elsewhere on the drawing</i>	✓	<input type="checkbox"/>
<i>Repeat a linear measurement elsewhere on the drawing</i>	✓	<input type="checkbox"/>
<i>Repeat a linear measurement at centres elsewhere on a drawing</i>	✓	<input type="checkbox"/>
<i>Repeat numeric measurements at centres elsewhere on the drawing</i>	✓	<input type="checkbox"/>
<i>Repeat and rotate a linear measurement</i>	✓	<input type="checkbox"/>
<i>Repeat and rotate an area measurement</i>	✓	<input type="checkbox"/>
<i>Repeat and flip an area measurement</i>	✓	<input type="checkbox"/>

**Note:** Advanced Measurement module features are shown in *Italics*

	QSCad	?
<b>Measurement Tools</b>		
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	✓	☐
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	✓	☐
Calculate the Angle between two lines	✓	☐
<b>GRAPHICAL OUTPUT</b>		
<b>Measurement References</b>		
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	✓	☐
<b>Legend</b>		
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	✓	☐
<b>Drawing Header</b>		
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.	✓	☐
<b>Printing a Drawing</b>		
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	✓	☐
<b>BASIC RESULTS</b>		
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	✓	☐

	QSCad	?
<b>BASIC RESULTS (Cont'd.)</b>		
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	✓	☐
<b>DATA ANALYSIS</b>		
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	✓	☐
<i>Special 'Select' Layer which may be populated with similar items or selected items</i>	✓	☐
<i>Detailed Summary of items copied to 'Select' layer</i>	✓	☐
<i>Consolidated Summary of items copied to 'Select' layer</i>	✓	☐
<i>Graphical Output of items copied to 'Select' layer</i>	✓	☐
<b>ADVANCED RESULTS</b>		
<i>Create Summaries from Multiple Drawings (e.g. Floors 1-10)</i>	✓	☐
<i>Apply a multiplication factor to each drawing in a Multiple Drawing Summary</i>	✓	☐
<i>Quantify a revision using Multiple Drawing Summary</i>	✓	☐
<b>EDITING MEASUREMENTS</b>		
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	✓	☐
Copy individual or multiple items to another layer	✓	☐
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	✓	☐
<i>Trim Linear Measurements to a line or area</i>	✓	☐
<i>Extend Linear Measurements to a line or area</i>	✓	☐
Find Measured Item using measurement reference	✓	☐
<b>WORKING WITH REVISIONS</b>		
Create a new revision of the drawing with a new measurement file	✓	☐
Create a new revision of the drawing re-using existing measurements	✓	☐
<b>IMPORT / EXPORT FACILITIES</b>		
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	✓	☐
Export 'coloured up' drawing to DWG file	✓	☐
<b>HELP SYSTEM</b>		
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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