

Features	WiselImage	WiselImage FM	nanoCAD
File Format Compatibility			
Vector File			
DWG & DXF support	√	√	√
DWT support	X	X	√
Raster File			
PDF	√	√	External reference
GIF	√	√	√
PNG	√	√	√
JPG,JPEG	√	√	√
DGN	√	√	√
TIF, TIFF	√	√	√
BMP	√	√	√
HPGL	√	√	√
Multipage TIFF	√	√	X
Hybrid File (Vector+Raster)			
CWS support	√	√	√
Import/Export			
Point clouds file (Import & section views)	X	X	√
IFC model (Import)	X	√	√
.DGN (Import)	√	√	X
.PLT (Import)	√	√	X
.SHP (Import)	√	√	X
.CWS (Export)	√	√	X
.DWG/DXF (Export)	√	√	√
.SHP (Export)	√	√	X
.TIF (Export)	√	√	X
.PLT (Export)	√	√	X
User Interface and Settings			
Graphical User Interface	√	√	√
Initial Setup	√	√	√
Tool Pallets	X	X	√
Sheet set manager	X	X	√
Dynamic input	X	X	√
Easy to use	√	√	√

CAD Tools

2D Tools

All universal 2D draw tools	√	√	√
Auto Dimension	X	X	√
Shape	X	X	√
Fill Shape	X	X	√
Solid	X	X	√
Boundary	X	X	√
Wipeout	X	X	√
Revision Cloud	X	X	√
Advanced annotation tools	X	X	√

3D Tools

Universal 3D tools	X	X	Pro version
2D view, section view, projection	X	X	Pro version

Modification Tools

General modification	√	√	√
Merge rasterize	√	X	√

Smart tools

Point clouds	X	X	√
Constraints (Geometric & Parametric)	X	X	√
Raster pixel draw	√	√	√
Microsoft style Table Editing	X	X	√
Single line text to multi line text	X	X	√
Batch process	√	√	X

Raster Enhancement

Image Quality Improvement

Speckle Remover	√	√	X
Hole Remover	√	√	X
Inversion	√	√	X
Smoothing	√	√	X
Thinning	√	√	X
Thickening	√	√	X
Line Breaks Filling	√	√	X
Contour/Coupling	√	√	X
4-Points Correction	√	√	X
Brightness/Contrast	√	√	X
Equalize	√	√	X
Auto Correct	√	√	X

Gamma Correction	√	√	X
Color Separation	√	√	X
Color Reduction	√	√	X
Color Classifier	√	√	X
Separation by size	√	√	X
Separate text areas	√	√	X
Separate hatches	√	√	X
Engineering Changes			
Change Display Order	√	√	X
Move/Copy/Duplicate/Rotate	√	√	√
Scale	√	√	√
Mirror	√	√	√
Align	√	√	X
Merge/Merge A Copy	√	√	√
Rasterize	√	√	√
Crop	√	√	√
Image Clip	√	√	X
Convert Image Palette/Type	√	√	X
Blur	√	√	X
Unsharp Mask	√	√	X
Median	√	√	X
Segmentation	√	√	X
Edit raster text	√	√	X
Raster To Vector (R2V)			
Raster Tracing	√	X	X
Raster Symbol Tracing	√	X	X
Symbol Recognition Template Library	√	√	X
Easy Raster to Vector conversion	√	X	X
Easy Raster to Contour	√	X	X
Edit and Train OCR Text	√	X	X
Customizable Conversion Option	√	√	X
Vector Autocorrect Option	√	X	X
Non-intelligent CAD to intelligent CAD			
Architectural Objects			
Parametric			
Wall/Doors/Windows/Column	X	√	X
Wall modifiers	X	√	X
Staircase	X	√	X

Wall Object	X	√	X
Create room	X	√	X
Room explication	X	√	X
Area calculation	X	√	X
Object template library	X	√	X
Create object template library	X	√	X
Wall Modify tools			
Join wall	X	√	X
Break Wall	X	√	X
Extend Wall	X	√	X
Trim Wall	X	√	X
Make Corner	X	√	X
Adjoin	X	√	X
Arrange	X	√	X
Offset	X	√	X
Customization			
Local customization			
Interface and Total Profile import/export	√	√	√
.TTF, SHX, PLT, PAT, LIN file import/export	√	√	√
Script file support	√	√	X
Program Customization			
OLE Via Visual Basic	√	√	√
COM	√	√	X
Java	√	√	√
Open Architecture	√	X	X
LISP	X	X	√
.NET	X	X	√