

Leica Geosystems

3D Disto Technical Data – US Standard

Distance Meter	
Range	1.6' up to 165'
Laser type	Class 2
Measuring units	m, ft, in
Measuring range	Horizontal 360°, Vertical -80° to > 90°
Tie Distance accuracy	33' ≈ 0.04", 98' ≈ 0.08", 164' ≈ 0.16"
Circular level setting accuracy	1°/0.04"
Digital Pointfinder	Zoom magnification: 1x, 2x, 4x, 8x
X-Range technology	yes
Communication	<p>Cable: USB type A, wireless, WLAN, SD card with 164' range</p> <p>Data formats: import dxf, ccv export: dwg, dxf, csv, jpg</p> <p>Remote Control (IR) range = 98'</p>
Leveling range	± 3°
Pointfinder with zoom	8 x
Picture file format	.jpg
Memory for pictures	tablet
CAD data format on device	.dxf, .dwg
General data interface	WLAN
Data interface for 3D point data	WLAN

- when it has to be **right**



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Technical Data Continued

Memory for CAD files on device	Tablet
Display illumination	yes
Free software for Windows 7 and up	Software included
Service life of batteries	up to 8 h
Tripod thread	5/8" - 11
Batteries	Li-Ion rechargeable, 14.4V/63Wh
Battery Charger/power pack	24VDC/2.5A
Charging time	7 h
Protection class	IP54
Dimensions	Ø 7.3" x 8.5"
Weight with batteries	6.2 lbs
Features	
Cost effective As-Built/Template measuring scanner	
Automated, motorized DISTO that captures and projects complex 3D & 2D measurements	
Makes taking field measurements fast, easy and accurate	
Camera accurate target selection	
Suitable for interior or exterior use	
Manual or robotic operation	
Full layout capabilities	
AutoCAD, Revit, BIM, MPanel & Cabinet Vision Compatible	

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Technical Data Continued

Functions	
Line and surface scans	
Digital measurements with immediate results	
Cable-free operation	
Digital point finder	
Graphic 2D & 3D display	
Marking heights, plumb points and parallel lines	
Import own data for simple layouts	
Changing position with photo backup	
Export formats: dwg, dxf (2D, 3D & overview plan) jpg, cvs, & txt	
Applications	
3D room Plans	minimum required device
Scope of Delivery	
3D Disto	
Power supply	
RM100 remote control	
Offset point ruler	
GZM3 target plate	
Self-adhesive target points	
1 USB cable	

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Technical Data Continued

1 USB stick	
Software license for 3D DISTO for Windows	
Safety manual	
Quick start	
Manufactures Certificate of Accuracy	
Hard case	