- when it has to be **right**

Leica Geosystems

E7100i Technical Data – US Standard

Range	0.6 up to 200'
Accuracy	± 0.06"
Range with target plate GZM26	230'
Range with unfavorable conditions	98'
Smallest unit displayed	1/32"
Measuring units	In, ft, m in decimal & fractions
Laser class	2
Laser type	635 nm, <1mW
X-Range Power Technology	Yes
Display illumination	Yes
Tilt Sensor	No
Auto laser off	90 seconds
Auto power off	180 seconds
Free software for Windows	Yes
Free App for iOS and Android	Yes
General data interface	Bluetooth® Smart
Protection Class	IP 54
Measurements per set of batteries	Up to 5,000**
Service life of batteries	Up to 20 h**
Batteries	Type AAA 2 × 1.5 V

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Technical Data Continued

Battery life	Up to 3,000 measurements
Protection class	IP 54 (dust & splash water protected)
Dimensions	4.72 × 1.46 × 0.91"
Weight with batteries	3.25 oz
Temperature range - storage	-13 to 158ºf
Temperature range - operation	14 - 122ºf
Features	
Direct keys	Easy-to-use shortcut keys
Area function	Measures area
Distance function	Measures distance
Bluetooth V4.0	Transfers data to App or PC
Free Disto Plan App	
Removable pocket clip	For easy carrying
Functions	
Distance Measurements	± 1/16" up to 200 ft
Permanent Measuring	Yes
Area measurements	Yes
Bluetooth Smart V4.0	Transfers your data to App or PC
Functions with Disto Plan	
Sketch on Photo	Capture complex shapes (rooms, facades) and export those to CAD

Leica Geosystems
Technical Data Continued

Sketch Plan	Create a sketch on a smartphone or tablet and assign distance measurements taken with a DISTO to each line. The app's 'auto-scale' function adjusts the lines' length and the result is a scaled, CAD ready plan
Export jpg, pdf, dxf, dwg	
Organizer	Organize into 4 categories: All, Projects, Sketch on Photo & Plans and export in jpg, pdf and 2D & 3D dwg/dxf format
Applications	
Measuring of distances and documentation with DISTO Plan	Quick, easy & Accurate
Measuring of areas	Quick, easy & Accurate, Minimum device required
Scope of Delivery	• DISTO E7100i • Clip • Holster • 2 x AAA batteries • Quickstart • Manufactures Certificate of Accuracy

**Reduced when used with Bluetooth®