

Brand new design with trigger key added

Reflectorless measuring distance:600m(R600)/1000m(R1000)

Bluetooth cable-free connection(standard)

120000 points and 40 jobs can be saved

Alphanumeric keyboard

IP55 environmental protection

Can be operated with a data collector, FOIF FieldGenius or other third party software is available



Technical data

Telescope	
I mage	Erect
Objective aperture	φ45mm
Shortest focus distance	1.0m
Angle measurement	
Reading system	Absolute encoder
Angle unit	360°/400gon/6400mil, selectable
Display resolution	1"/5"/10"(or 0.3mgon/1.5mgon/3mgon)

Distance measurement	
Laser class(IEC60825-1)	
Reflectorless	Class 3A(3R)
Reflective sheet/RP60	Class 3A(3R)
Prism	Class 1
Measurement range	
Reflectorless*2	
R600/R1000	2.0 to 600m/2.0 to 1000m
Accuracy	
Prism in standard mode	2 mm+2ppm
Reflective sheet/RP60	3 mm+2ppm
Reflectorless	
R600	2.0-150m:3mm+2ppm□150-300m:5mm+3ppm 300-500m:10mm+5ppm
R1000	2.0-150m:3mm+2ppm□150-300m:5mm+3ppm 300-500m:10mm+5ppm;500-800m:20mm+10ppm
Power	
Battery	3400mAh Li-ion Rechargeable
Output voltage	7.4V DC
Charger	FDJ6-LI
Charging time(at +20℃)	Approx.4 hours
Others	
Display	LCD, 6lines X20characters(96 X160 dots)
CPU	32Bit
Memory	120000 points, support SD card(max.16G)
Weight(including batteries)	5.1kg
Dimensions(WxDxH)	175x178x340mm
Operating temperature	-20℃ to +50℃
Storage temperature	-40℃ to +70℃
Interface	miniUSB/RS-232C/Bluetooth
Water and dust protection	IP55(IEC60529)

Data transfer software	FOIF Geomatics Office(FGO)
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