

## Angle Measurement

Angle Accuracy	2"
Angle measurement method	Absolute Encoding
Display resolution	1"

## Distance measurement

Range	<ul style="list-style-type: none"><li>• Reflectorless: 1000 m</li><li>• Reflective sheet: 2000 m</li><li>• Single prism :4000 m</li></ul>
Accuracy	<ul style="list-style-type: none"><li>• Prism group: <math>\pm(2\text{mm}+2\text{ppm})</math></li><li>• Reflectorless: <math>\pm(3\text{mm}+2\text{ppm})</math></li><li>• Reflective sheet: <math>\pm(3\text{mm}+2\text{ppm})</math></li></ul>
Measurement time	<ul style="list-style-type: none"><li>• Initial fine measurement: &lt; 0.7s</li><li>• Rapid measurement: &lt; 0.5s</li><li>• Tracking measurement: &lt; 0.3s</li></ul>
Minimum display	Measure and track : 0.1mm

## Telescope

Image	Erect
Magnification	30X
Field of View	1°30'
Minimum Focusing Distance	1.7m
Resolution	2.8"

## Compensator

System	Dual-Axis Compensation
Compensation Range	$\pm 4'$
Setting precision	$\pm 6''$
Trigger	Under battery house

## Vial

Tube Level	30" / 2 mm
Circular Vial	8' / 2 mm
Laser Plummet	Red laser 635nm

## Communication

Operation System	Android 14
CPU	MT6769
Storage	4GB RAM + 64GB ROM
Interface	<ul style="list-style-type: none"><li>• 1x Nano sim slot</li><li>• 1xType-C</li><li>• 1xUSB2.0</li></ul>
Bluetooth	BT5.0 BLE
Wifi	WLAN 1x1 802.11a/b/g/n/ac (Dual Band 2.4 & 5GHz)
2G/3G/4G	<ul style="list-style-type: none"><li>• GSM: 850/900/1800/1900</li><li>• WCDMA: B1/B2/B5/B8</li><li>• LTE-TDD: B34/B38/B39/B40/B41</li><li>• LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12 /B13/B17/B20/B25/B26/B28/B66</li></ul>

## Display

Display	Dual-side LCD graphic touch screen
Size	6"
Resolution	1280*720
Graphic Display	<ul style="list-style-type: none"><li>• Max: 99999999.999 m</li><li>• Min:0.1 mm</li></ul>

## Battery

Li-ion battery capacity	Rechargeable Li-ion battery 7.2V (DC) / 7000mAh
Working hours	10 hours

## Environment

Operating Temperature	-20°C ~+50°C( -4°F to +122°F)
Storage Temperature	-40°C ~+50°C(-40°F to + 122°F)
Dust&Water Proof	IP55,95%, non-condensing

## Size & Weight

Size	200 x 200 x 355 mm (7.68 x 7.28 x 14.37 in)
Weight	5.6kg



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