

**TOTAL STATION**

**TS-R11 ROBUST**

**COLOUR LINUX  
TOUCH SCREEN**



## TELESCOPIC

Length	154mm
Diameter	Telescopic: 45mm; EMD: 50mm
Magnification	30x
Image	Erect
Field of View	1°30'
Resolving Power	3"
Minimum Focus	1m

## DISTANCE

Single Prism Range	5,000m
Accuracy	±(2mm+2mm*D)m.s.e ±(1mm+1mm*D)m.s.e <b>ONE</b>
Non-prism Range	1,500m
Accuracy	±(3mm+2mm*D)m.s.e
Measuring Time	Fine: 0.3s; Normal: 0.2s
PPM Correction	ATMOSense Auto Correction
Prism Constant	Manual

## ANGLE

Accuracy	2" 1" <b>ONE</b>
Method	Absolute Encoding
Detecting System	H: dual; V: dual
Minimum Reading	1"/5"/10"
Diameter of Circle	79mm
Vertical Angle 0°	Zenith: 0°; Horizontal: 0°
Unit	360°/400gon/6400mil

## DISPLAY

Display Unit	3.7" color and touch screen
No. of Displays	2
Keyboard	Alphanumeric

## PLUMMET

Type	<b>UltraPlumb:</b> Laser plummet with distancing function to measure instrument height.
Working Range	0.6-2.0m
Minimum Reading	1mm
Accuracy	±3mm

## TILT CORRECTION

Tilt Sensor	Quadruple Axis
Method	Liquid Electric
Range	6'
Resolution	1"

## LEVEL

Plate Level	30"/2mm
Circular Level	8'/2mm

## DATA INTERFACE

Internal Memory	2,20,000 points and 24GB
Data Interface	USB2.0, Mini-USB, SD card, RS232
Wireless	Bluetooth 2.1

## GENERAL

Camera	0.8mpx <b>ONE</b>
Guide Light	Yes
Quick-meas Button	Yes
Weight	5.4kg
Dimension	353 (H) * 206 (L): 200 (W) mm
Operating Temperature	-20°C to 50°C
Battery	Li-on battery, 7.4V, 3400mAh
Water & Dust Proof	IP66
Working Duration	22h in Angle & 15h NEZ

## ITEM LIST

- Carrying case \*1
- Total station \*1
- Battery \*2
- Charger & adapter \*1
- Reflecting sheet \*1
- Safety Vest \*1
- Quick Guide \*1
- Warranty Card \*1



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**ONE** TS-R11 ROBUST



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