

Android Total Station RTS010N

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Tianjin Unique Technology Co., Ltd

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Android Total Station RTS010N

Features

- Angle accuracy 1", Distance accuracy 1mm+1x10⁻⁶ .D
- Quad-Core Processor, ARM Cortex-A55 frame work, Main frequency 2GHz
- Ultra-large capacity flash memory, 4G RAM+32G ROM (Expandable to 8G RAM+128G ROM)
- 5.5inch LCD display, 1280x720, support double face display.
- Android 10 operating system
- Support the third part APP, Support self-develop software.
- Support Bluetooth, miniUSB, U-disk, Type-C, WiFi, 4G network (optional)

Specifications

Model		RTS010N	
Telescope		Level vial sensitivity	
Magnification	30"/3"	Platelevelvial/Circularlevel vial	30"/2mm、8"/2mm
Field of view	1°30'	Laser plummet	
Shortest focus distance	1.0m	Accuracy/Spot	±1.0mm /0.8m~1.5m、≤2.0mm / 0.8m~1.5m
Objective aperture	Φ45	Power	
Image	Erect	Battery/Time	7.4v、5200mAh锂电池/7h-8h
Angle measurement		Others	
Accuracy	1"	Memory	4G RAM+32G ROM (Expandable to 8G RAM+128G ROM)
Reading system	Absolute encoder	CPU	Quad-Core 四核64位 ARM A55 CPU 2GHZ
Angle unit	360° (dms/d) /400gon/6400mil	Display	5.5inch LCD display, 1280x720, support double face display
Minimum display	0.1"	Keyboard	15
Distance measurement		Communication	Bluetooth, miniUSB, U-disk, Type-C, WiFi, 4G network (optional)
Accuracy	± (2+2×10 ⁻⁶ D) mm	Measurement shortcut key /TF Card/RTC	Support
Reflectorless	1000m	Network	Global (4G Optional)
Range Reflective sheet	1200m	System/APP upgrade	Support
Prism	6000m	Third party software	virtual serial port/SurPad
Time accurate measure/tracking	0.5s/0.3s		
Unit	m/ft/US ft		
Minimum display	0.0001m	Operating system	ANDROID 11.0
Tilt compensation		Water and dust protection	(IP55 (IEC60529))
Type/Range	Dual Axis 双轴型/±3.0'	Operating/Storage temperature	-20°C~+50°C/-40°C~+55°C

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