

Android Total Station RTS342N




To create **value** for customers

Android Total Station RTS342N

Features

- Angle accuracy 2", Distance accuracy 2mm+2x10⁻⁶.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 | | RTS342N | |
|--------------------------------|---------------------------------|---------------------------------------|---|
| Telescope | | Level vial sensitivity | |
| Magnification | 30"/3" | Plate level vial/Circular level 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 | 2" | 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 | Operating system | ANDROID 11.0 |
| Unit | m/ft/US ft | Water and dust protection | (IP55 (IEC60529)) |
| Tilt compensation | | Operating/Storage temperature | -20°C~ +50°C/-40°C~ +55°C |
| Type/Range | Dual Axis 双轴型/±3.0' | | |



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