

Specifications

Telescope

Imaging: Erect

Magnification: 30X

Field of View: 1°30'

Minimum Viewing Distance: 1.0m

Effective Aperture: 45mm

Resolution: 4"

Angle Measurement

Accuracy: 2"

Angle Measurement Method: Absolute Encoding

Detection Way: Diameter 2/4 Channel Line Array CMOS

Minimum reading: 1"/0.1" optional

Distance Measurement

Measuring Range: Prism: 5000m

Reflectorless: 1000m

Reflector: 1200m

Distance Measurement Accuracy: 2mm+2x10⁻⁶·D

Distance Measurement Time: Fine: 0.5s

Fast: 0.3s

Tracking: 0.25s

Minimum Reading: 1mm/0.1mm optional

Power

Battery: Lithium-ion battery, 7.4V/3200mAh

Operation time: 10-12hours

Compensator

Type: Integrated Dual-axis Compensator

Compensation Range: ±6'

Plummet

Type: 635nm semiconductor laser

Accuracy: ±1.0mm/0.8~1.5m

Spot Diameter: ≤2.0mm/0.8~1.5m

Maximum Output Power: 0.7mW~1.0mW

Brightness: Adjustable

Other Functions

Communication Interface: Type-C Virtual serial port

WIFI, Bluetooth, 4G (optional)

Data Storage: Built-in 2G+16G internal memory

USB Host supported

Software System: Android 12.0

Onboard Software System: FurSpacer

Display Screen: Double-sided 5.5-inch 1280×720

true-color capacitive touch screen

USB Camera Module: USB2.0 port, 1/4-inch max.

effective pixels 2592(H) *1944 (V)

Temperature & Air Pressure: Automatic Correction

Weight: 5.8kg(battery included)

Working Temperature: -20°C~+50°C

Waterproof & Dustproof: IP55

Illustrations, descriptions and technical specifications are not binding and may change.



RTS392N

Android Total Station

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Product Introduction

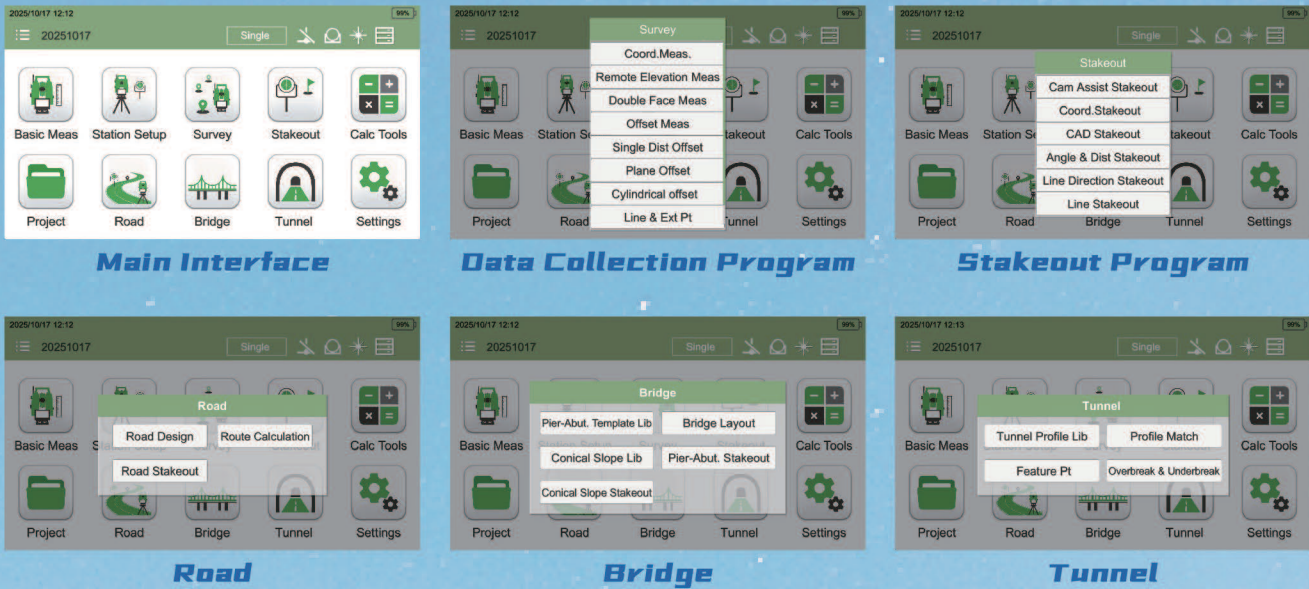
The RTS392N series total station is a new color Android total station launched by FOIF. It features a brand-new streamlined appearance and contrasting color design, built-in high-sensitivity coaxial integrated dual-axis compensation system, modular fast-charging battery, and various data interfaces. It is equipped with a 5.5-inch color touchscreen and the newly designed FurSpacer software, offering multiple advanced functions such as visual stakeout and CAD stakeout, as well as professional functions for roads, bridges, tunnels, and more.

Product Features



Software Introduction

FurSpacer is a platform-based software developed for intelligent surveying and mapping. It supports multiple operating systems including Windows, Linux, and Android, and is compatible with a variety of devices such as mobile phones, tablets, and total stations. It offers a wide range of functions for measurement, station setup, and stakeout, making it suitable for various surveying scenarios and highly efficient and convenient. It facilitates intelligent operations in multiple surveying scenarios, including one-man survey, deformation monitoring, smart stakeout, and industrial inspection.



Application Scenarios

