

SPECIFICATIONS

Data Collector

Ver.2025.04.18

System Configuration	Operation System	Android12
	CPU	Qualcomm, MT8786, 2*2.0GHz A75+6*1.8GHz A55
	Memory	4GB+64GB
	Display	5.5-inch High-brightness Color Screen with 500nits Brightness
	Resolution	720*1280 Resolution, Sunlight Readable
	Touch Screen	GFF, Gloves, Operable with Some Water on the Surface
	Rear Camera	13 Megapixel Camera with Autofocus
	Keypad	9-palette Numeric Keypad
Communication	SIM Card	Support 4G
	WiFi	Dual Band IEEE 802.11 a/b/g/n/ac2.4G/5G
	Bluetooth	Dual mode BT5.0
	Typy-C	Support
	NFC	Support
	Network	GSM
WCDMA		B1/B2/B4/B5/B8
LTE-TDD		B38/B39/B40/B41
LTE-FDD		B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B20/B25/B26/B28
Power Supply	Battery	7000 mAh, Built-in battery is not removable
	Charging	QC3.0 Quick Charge
	Operating Hour	14 Hours and More
Physical	Size	229*85*20mm
	Weight	≤390g
Environmental	Work Temperature	-20°C~+65°C
	Storage Temperature	-40°C~+70°C
	Waterproof & Dustproof	IP67, Survive from a 1.5m Drop



R50 Data Collector

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R50 Data Collector

New exterior design, customized for engineers, more comfortable hold

With advanced NFC, tedious matching is a thing of the past

Large capacity 7000mAh battery, QC3.0 quick charging, long-lasting operation

Qualcomm processor Android 12 operation system, faster performance, smoother operation



5.5-inch sunlight readable screen, 720*1280 resolution

Survive a 1.5m drop onto the concrete, anti-static design, excellent heat dissipation

Classic 9-key and center measurement shortcut speed up working efficiency

5.0 dual-mode Bluetooth, ultra long range Bluetooth connection

4+64GB memory



QC Quick Charging



Large Capacity



5.5\"/>



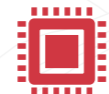
Android 12



Ultra-long Range Connectivity



NFC



Qualcomm



IP67

Survey Master

Survey Master is a professional field surveying software designed of strong functionality, high efficiency and reliability. Featuring multiple base/rover work modes, abundant import/export formats and complete survey methods, Survey Master will bring users an excellent experience.

Compatible with most of Android devices

Easier survey workflow via Wizard function

Support up to 120° IMU tilt compensation

Support all survey modes, including Static, PPK and RTK

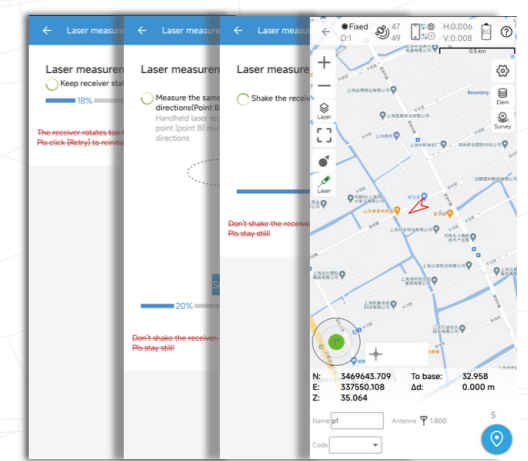
Support Surface Stake, Mapping Survey and etc. to serve various survey tasks

Support CAD import and directly use for stake out operations

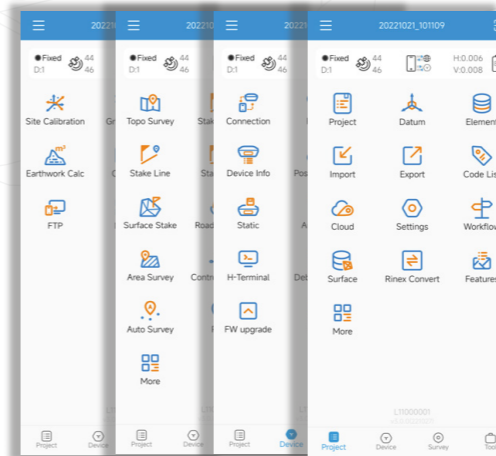
Support Convert function from ComNavBinary raw file to RINEX



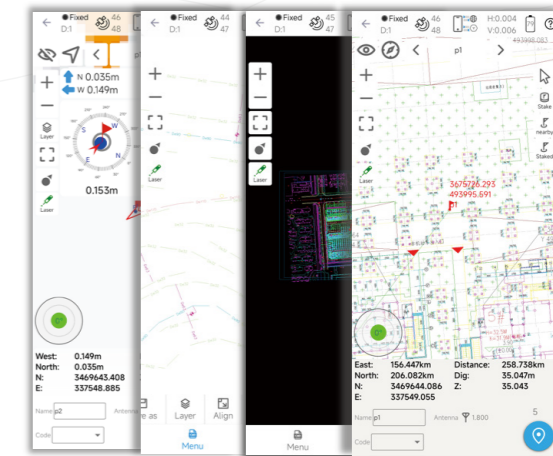
Laser Visual Surver&Stakeout



IMU Tilt Survey



New Interface



CAD Basemap and Stake