SPECIFICATIONS

System Configuration	Operation System	Android12
	CPU	Media Tek 8-Core Processor
	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: B2/B3/B5/B8
		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
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

SinoGNSS®
By ComNav Technology Ltd.



R50

Data Collector

ComNav Technology Ltd.

Building 2, No. 618 Chengliu Middle Road, 201801, Shanghai, China

Web: www.comnavtech.com
Email: sales@comnavtech.com
Tel : +86 21 64056796
Fax: +86 21 54309582

© 2024, ComNav Technology Ltd. All rights reserved. SinoGNSS® is the official trade mark of ComNav Technology Ltd., registered in People's Republic of China, EU, USA and Canada. All other trademarks are the property of their respective owners. (JULY, 2024.)

R50 Data Collector

5.5-inch sunlight readable screen, **720*1280** resolution

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

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

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

5.0 dual-mode Bluetooth, ultra long range Bluetooth connection

4+64GB memory

QC Quick Charging

Large Capacity

5.5” Display

Android 12

Ultra-long Range Connectivity

NFC

NFC

IP67

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

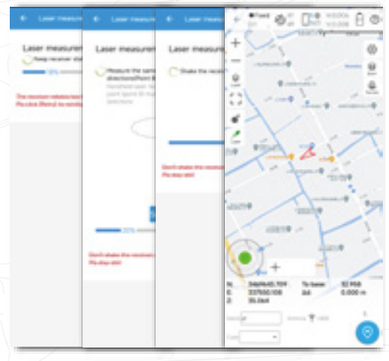
Support Surface Stake, Mapping Survey and etc. to serve various survey tasks

Support CAD import and directly use for stake out operations

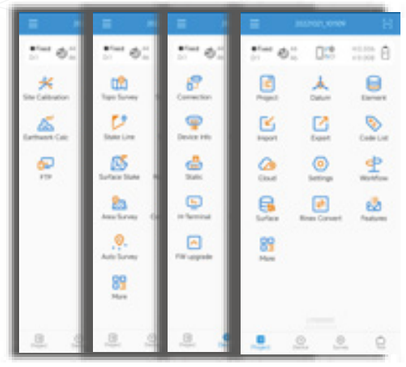
Support Convert function from ComNavBinary raw file to RINEX



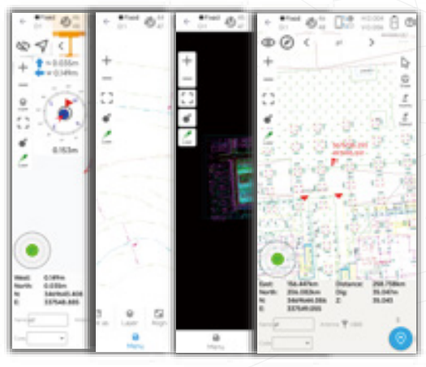
Laser Visual Survey&Stakeout



IMU Tilt Survey



New Interface



CAD Basemap and Stake