SPECIFICATIONS

Data Collector
Ver.2026.08.01

System Configuration	Operation System	Android 12
	CPU	Media Tek 8-Core Processor
	Memory	4GB+64GB
	Display	6'' Capacitive Touch Screen with 500nits Brightness
	Resolution	720*1080 Resolution, Sunlight Readable
	Touch Screen	GFF, Gloves, Operable with Some Water on the Surface
	Rear Camera	13 Megapixel Camera with Autofocus
	Keypad	White Backlight Keypad Including: Full QWERTY 10-key number pad, directional buttons 8 programmable buttons, 2 data collection buttons on the sides
Communication	SIM Card	2 Card Slot
	WiFi	802.11a/b/g/n/ac, 2.4G + 5G Dual Band, Support Fast Roaming
	Bluetooth	BT5.1 with Downward Compatibility, 2.402GHz-2.480GHz
	Typy-C	Support OTG, Meet ESD (Contact ±8KV, Air ±15KV Standard Design), EOS (VBUS ±500V, VBAT ±300V), OVP (10.5V, DC Withstand Voltage of Surge Tube Over 24V)
	NFC	13.56MHz, Readable Range 20mm - 50mm, Protocols ISO14443A/14443B/15693
	Network	GSM: B2/B3/B5/B8
		WCDMA:B1/B2/B4/B5/B8
		LTE-TDD: B34/B38/B39/B40/B41
		LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B12/B17/B19/B20/B25/B28A/B28B
Power Supply	Battery	9000 mAh, Working 16hs+
	Charging	Support QC and PD Fast - charging Protocols
Physical	Size	242 mm × 87.6 mm × 24 mm
	Weight	488g with Battery
Environmental	Work Temperature	-25°C~+60°C
	Storage Temperature	-40°C~+70°C (Excluding Battery)
	Waterproof & Dustproof	IP67, Survive from a 1.5m Drop



R80
Data Collector

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R80 Data Collector



Ultra-long Range Connectivity | Qualcomm | 6" Display | Full QWERTY | Android 12 | QC Quick Charging | IP67

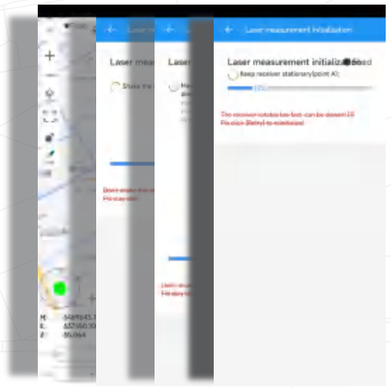
Survey Master

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.

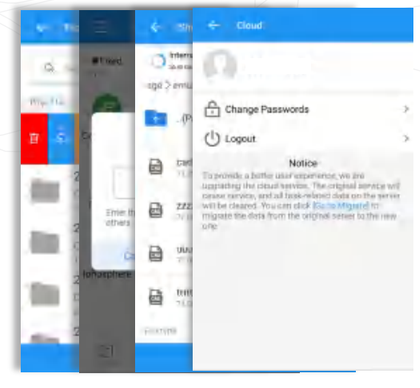
Compatible with most of Android devices
Easier survey workflow via Wizard function
Support up to 120° IMU tilt compensation
Support all survey modes, including Static, PPK and RTK
Support Surface Stake, Mapping Survey and etc. to serve various survey tasks
Support CAD import and directly use for stake out operations
Support Convert function from ComNavBinary raw file to RINEX



Laser Visual Survey & Stakeout



IMU Tilt Survey



Cloud Service



CAD Basemap and Stake