Multi-constellation tracking with stronger signals

1520 channels allows tracking more satellite signals, and supports GPS, GLONASS, GALILEO, and BeiDou II/III.

Searching more satellites, tracking stronger signals, and blocking-resistant. Survey in no time upon booting.

All-in-one RTK with more complete functions

Tiny and light, with portable packaging

40% less in volume than mainstream models for much easier field work

Industrial grade IP67 design for applicability in a variety of harsh environment

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Handheld Data Controller Features

Thin and large screen

 5-inch sunlight screen. The thinnest part of the machine is down to 1.5 cm only

Full keyborad

Navigation + 45-key full keyboard, allowing quick input of industrial codes

Powerful performance

8-core 2.0 GHz processor for fast response to your operation

Reliable quality

Industrial tri-proofing feature and low-tem perature battery, specially

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Product Specification

Physical	
Size	Φ132 mm × 66.5 mm (with bottom nuts）
Material	Magnesium aluminum alloy
Weight	880g ± 10g
Ports	1 Type-C interface (for power supply and data transmission), and 1 SMB interface (for radio antenna)
Electrical	
Battery	Built-in 6800mAh lithium-ion battery
Battery life	The rover station can work for 14 hours

External power supply	5V DC
Environmental	
Operating temperature	-25℃~+60℃
Waterproof and dustproof	IP67
Fall-resistance	Resistant to fall from a height of 2 m
Handheld Data Controlor	
Operating System	Android
CPU	8-core 2.0 GHz processor
Memory	3GB RAM + 32GB ROM
Network	4G Full Netcom
LCD	5-inch multi-touch capacitive screen
Battery	5200 mAh removable battery
Camera	13 Million Auto Focus Camera
Waterproof and dustproof	IP67
Wireless Communication	
Bluetooth/Wi-Fi	Supported
Radio mode	Built-in receiving radio
Radio frequency band	410 MHz – 470 MHz
Radio protocol	TrimTalk450S / TrimMark3 / Transparent transmission
NMEA output	Supported