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S60III pro

Rugged RTK data collector



RTK handheld terminal, unrestricted,
efficient measurement

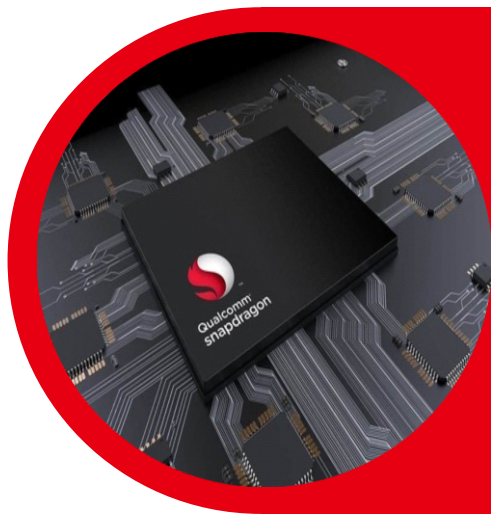


Comprehensive Data Collection Terminal with Full Protection

The S60III pro RTK handheld terminal is the ultimate solution for enhancing efficiency and productivity in mobile field operations. With centimeter to decimeter-level positioning accuracy, it is an extremely portable, durable, and versatile device, ideal for precision GIS data collection, power line inspections, construction site development, environmental research, landscaping, and various other applications..

Equipped with a 5.5-inch sunlight-readable display, users can easily view GIS data tables, complex vector and raster maps, and high-resolution images even in bright sunlight and high-light conditions. Its industrial design, compliant with the IP68 standard, ensures reliable performance in extreme and challenging environments, making it the preferred choice for field professionals, particularly those with demanding equipment requirements.

The S60III pro integrates precision GNSS positioning technology and long-range RFID technology, empowering efficient data collection for both individual operators and large field teams.



Leading Industry Data Collection Terminal Powered by Android 12 OS with GMS Certification

The S60III pro is equipped with the Qualcomm 662 processor, designed with an 11nm fabrication process, providing powerful performance for smooth CAD drawing management and base map display, greatly enhancing productivity.

Dual-band Wi-Fi and 4G support ensure stable and reliable internet connectivity, while the physical USB 3.0 interface allows for faster data transfer, enabling instant uploads of large project files.

The 5.5-inch 1080P resolution industrial display with 500 nits brightness enhances outdoor data collection visibility even in sunlight.

Designed for complex mobile office scenarios

Innovative keypad design aimed at providing an exceptional user experience.

The S60III pro features a popular slim and lightweight design, yet it comes equipped with a high-capacity 9000mAh battery, weighing just a light 420 grams. Additionally, we've incorporated a scratch-resistant and durable Corning glass screen and designed it with IP68 waterproofing to ensure outstanding protection for your data terminal in harsh environments.

The brand-new British-style keyboard design has been optimized, allowing for fast data input without changing user habits. Moreover, without increasing the device's size, we've thoughtfully reserved multiple shortcut buttons to assist you in swiftly completing various operations in industry applications. The large-capacity battery design ensures uninterrupted data collection tasks, making the D5 an efficient handheld terminal for measurement and mapping applications.



Fast and Accurate High Precision



Interference-resistant antenna, worry-free operation in complex environments. Enjoy centimeter-level positioning services anytime, anywhere with a full constellation and full frequency point matching, coupled with a four-wall helical antenna. Eliminate cumbersome installations, easily portable, and make outdoor measurements more effortless.



Specialist in Rugged Product Solutions

Specifications

System	Operating system	Android 12 GMS supports
	CPU	Qualcomm SDM 662 octa-core 2.0 GHz
	RAM	4GB SDRAM
	Flash memory	64GB
	Memory card	MicroSDHC up to 128GB
Physical	Dimensions (L×W×H)	228mm×96mm×21mm
	Weight	420g with battery
	Operating temperature	-20°C ~ +65°C (-4°F ~ +149°F)
	Storage temperature	-30°C ~ +70°C (-22°F ~ +158°F)
	Waterproof/Dustproof	Ip68
	Shock and vibration	1.2m (4 ft) fall onto concrete
	Humidity	5% ~ 95% non-condensing
	Display	5.5-inch IPS LTPS LCD capacitive multi-touch, 1920×1080 pixels HD + 401 ppi brightness 500 nit
	Keypad	QWERT key
	Camera	13 MP with auto-focus and flash
	Channels	1408
GNSS performance	Signals tracking	GPS: L1C/A, L2C, L2P, L5
		GLONASS: L1, L2
		BDS: B1, B1C, B2, B2a, B2b, B3
		GALILEO: E1, E5a, E5b, E6*
		QZSS: L1, L2, L5, L6*
		SBAS*: WAAS, EGNOS, MSAS, GAGAN, SDCM
	RTK accuracy*	2cm HRMS
	SBAS accuracy*	< 1m HRMS
Communications	L-band	PPP, E6 HAS supports
	SIM card type	Nano-SIM card
	Network modem	GSM: 850/900/1800/1900
		WCDMA: B1/B2/B4/B5/B8
		LTE-TDD: B34/B38/B39/B40/B41
		LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B17 /B20/B25/B26/B28
	WiFi	802.11 a/b/g/n/ac, access point mode (2.4G/5G)
	Bluetooth®	V5.0
Electrical	USB	USB Type-C, OTG supports
	NFC	Supports
	Battery	9000 mAh Li-ion battery
	Battery life*	22 hrs
Sensors	Charging time	4 hrs (typically)
	GNSS	GNSS (BDS, GPS, GLONASS), A-GPS supports
	G-sensor	Supports
	Gyroscope	Supports
	E-compass	Supports
	Light sensor	Supports
	Speaker	Supports
	Microphone	Supports
Standard accessories	A/C charger	Yes
	USB cable	Yes
	Stylus	Yes
	Handstrap	Yes
Certifications		CE, FCC



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