α-GEO

S60III

Rugged Data Collector

Comprehensive Data Collection Terminal with Full Protection

S60III is a brand-new data collector featuring the latest industrial-grade processor from Qualcomm. With its slim form factor and a standard English keyboard, it's specifically designed for field measurements and mapping operations. The 5.5-inch 500nit display utilizes Gorila Glass, enhancing durability while ofering exceptional sunlight readability. S60III provides various connectivity options, including Bluetooth 5.0, dual-band 2.4G and 5G W-Fi, and a 4G modem supporting global networks, ensuring seamless and reliable connectivity with your preferred GNSS receivers and RTK network correclion sources. The built-in 9000mAh battery provides long-lasting performance. Designed for extreme durability, it can with stand drops from heights of up to 1.5 meters and complies with stringent IP68 standards S60III excels in challenging environments, making data collection tasks easier and more efficient.

Leading Industry Data Collection Terminal

Powered by Android 12 OS with GMS Certification

The S60III is equipped with the Qualcomm 662 processor, designed with an 11nm fabrication process, providing powerful performance forsmooth 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 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 S60III an efficient handheld terminal for measurement and mapping applications.

Specialist in Rugged Product Solutions

Specification

System

Operating system	Android 12 GMS support
CPU	Qualcomm SDM 662 octa-core 2.0 GHz
RAM	4 GB SDRAM
Flash memory	64 GB
Memory card	MicroSDHC up to 128 GB

Physical

Size(L × W × H)	228 mm x 96 mm x 21 mm
Weight	420 g (14.42 oz) with battery
Environment	Operating: -20°C to +65 °C
	(-4°F to +149°F)
	Storage: -30°C to +70°C
	(-22°F to +158°F)
Dust and water proof	IP68
Humidity	5%~95% (non-condensing)
Shock and vibration	1.2 m (4 ft) fall on concrete
Display	5.5"IPS LTPS LCD capacitive multi-touch 1920 x 1080 pixels HD+ 401 ppi Brightness 500 nit
Keypad	QWERT KEY

Communications

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
Wi-Fi	802.11 a/b/g/n/ac access point mode (2.4 G/5G)
Bluetooth®	V5.0
USB	Type C, OTG supported
NFC	Support

Electrical

Li-ion battery capacity	9000 mAh
Operating time[1]	22 h
Charging time	4h(typical)

Sensors and Multimedia

13 MP rear camera with auto-focus and flash GNSS (BDS, GPS, GLONASS)
A-GPS support
G-sensor
Gyroscope
E-compass
Light sensor
Speaker
Microphone

Standard Accessories

A/C charger
USB cable
Stylus
Handstrap

Field Software

Certifications

CE, FCC

*All specifications are subject to change without notice.

(1) Operating time varies based on temperature.

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