S60III PRO

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.

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
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
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
L-band
PPP, E6 HAS supports
Communications
SIM card type: Nano-SIM card
NFC: Supports
Electrical
Battery: 9000 mAh Li-ion battery
Battery life*: 22 hrs
Charging time: 4 hrs (typically)
GNSS
GNSS (BDS, GPS, GLONASS), A-GPS supports