

5G RTK FIELD TABLET

H81 RTK

5G connectivity. Integrated RTK fieldwork.

An 8-inch Android RTK tablet in the 5G-M60 configuration, combining UM960 positioning with a removable field battery.



RTKGO running interface / product illustration

Connect field teams

5G SA / NSA; Wi-Fi 6; Bluetooth 5.2 LE

Work with integrated RTK

UM960; 1408 channels; 10 Hz RTK

Manage field power

12000 mAh removable battery; PD charging

Typical applications

01

Connected GIS work

Collect location-linked records with compatible mapping applications.

02

Utility inspection

Combine field observations, photographs and asset positions.

03

Environmental visits

Document sampling locations and site observations with field software.

Connect corrections. Check RTK status. Collect field data.

RTCM corrections / RTKGO monitoring / Compatible field application

Applications illustrate intended workflows. Confirm software compatibility and correction access. Displayed live values are illustrative; availability depends on the selected configuration.

MODEL CONFIGURATION: H81 RTK / 5G-M60

H81 RTK

Technical specifications

GNSS positioning

Receiver / update	UM960; NebulasIV; 1408 channels; 10 Hz RTK update
Tracking signals	BDS B1I/B2I/B3I/B1C/B2a/B2b; GPS L1C/A/L2P/L5; GLONASS G1/G2; Galileo E1/E5a/E5b/E6; QZSS L1C/A/L2C/L5; SBAS L1C/A
RTK fixed accuracy (RMS)	Horizontal 0.8 cm + 1 ppm; vertical 1.5 cm + 1 ppm
Single-point / DGPS (RMS)	Single-point: horizontal 1.5 m / vertical 2.5 m. DGPS: horizontal 0.4 m / vertical 0.8 m.
Model configuration	5G-M60; order 05121172; H81-M60-GM; UM960 + NFC

Platform, interfaces & environment

Compute / memory	Kompanio 900T octa-core, up to 2.6 GHz; G68 MC4; 8 GB LPDDR4 / 256 GB UFS; microSD up to 2 TB
Display / cameras	8-inch IPS/AFFS; 1920 × 1200; 1000 nits; 48 MP AF + 5 MP wide-angle rear / 8 MP front
Battery / charging	12000 mAh removable battery; PD charging; 5 V 2 A / 9 V 2 A adapter options
Communications	5G NR SA / NSA; LTE FDD / TDD; WCDMA; Wi-Fi 6 (2×2, 2.4/5 GHz); Bluetooth 5.2 LE
Interfaces	USB Type-A host; Type-C OTG; 8-pin magnetic connector; dual nano-SIM + microSD triple slot (dual-SIM or SIM+SD); NFC
Dimensions / weight	223 × 146 × 23 mm; 886 g including hand strap
Protection	IP68; IK08; MIL-STD-810H compliant; 1.8 m drop
Temperature	Operating -31°C to +55°C; storage -40°C to +80°C
OS / warranty	Android 14; GMS certified. 36 months device / 12 months battery.

Applies to H81 RTK 5G-M60. Verify regional bands, carrier support, software interfaces and installation requirements.

Quotation on request. Confirm regional radios, software interfaces, operating system and supplied accessories.