

LARGE-SCREEN RTK FIELD TABLET

G101M

More space for maps and field records.

A large-display Android RTK tablet for reviewing site information and collecting georeferenced records with compatible field software.



RTKGO running interface / product illustration

Read maps outdoors

10-inch class 1920 × 1200; 1000 nits

Monitor RTK in the field

1408 channels; 20 Hz GNSS updates

Carry into fieldwork

1320g; IP65; 14600 mAh

Typical applications

01

Detailed field maps

Review detailed site plans and GIS layers on a large display.

02

Asset inspection

Keep location records and inspection information together in the field.

03

Project coordination

Use compatible project apps for site checks and field documentation.

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: G101M

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Technical specifications

GNSS positioning

Receiver	1408 channels; NebulasIV architecture
Tracking signals*	BDS B1I/B2I/B3I/B1C/B2a/B2b* GPS L1C/A/L1C*/L2P(Y)/L2C/L5 GLONASS G1/G2/G3*; Galileo E1/E5a/E5b/E6*; QZSS L1/L2/L5
Position accuracy (CEP)	RTK: P 0.8 cm + 1 ppm; E 1.5 cm + 1 ppm Single-point: P 1.5 m; E 2.5 m (with SBAS)
Update / correction	20 Hz; RTCM V3.X
Output / start time	NMEA-0183 / Unicore; cold <30 s / hot <20 s / aided <1 s
External antenna / INS	Multi-frequency helix; diameter 27.5 × 107.5 mm; SMA 90-degree omnidirectional; 33 ±2 dB gain. Inertial navigation: none.

Platform, interfaces & environment

Compute / memory	Cortex-A73 octa-core, 2.0 GHz; Mali-G72 MP3; 8 GB / 128 GB
Display	10-inch class IPS/AFFS; 1920 × 1200; 1000 nits
Battery / expansion	14600 mAh; microSD up to 1 TB
Cameras	13 MP rear AF with flash / 5 MP front
Communications	4G LTE; Wi-Fi 802.11 a/b/g/n/ac, 2.4/5 GHz; Bluetooth 5.0 LE
Interfaces	USB Type-A host ×2; Type-C ×1; 8-pin pogo charging; RS232 via 5-pin micro-USB, including one GPIO; SIM / microSD hybrid
Dimensions / weight	320 × 210 × 12 mm; 1320 g
Protection / temperature	IP65; touch panel IK05; MIL-STD-810G Method 516.6 Proc. IV; operating -20°C to +55°C
OS / warranty	Android 9 / 10 / 11 / 13 options; OS version agreed at order. 24 months device / 12 months battery.

Accuracy is specified as CEP. Verify reference coordinates, baseline and GNSS reception for your project.

*Starred signals depend on the receiver configuration supplied with your order.

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