

PORTRAIT RTK FIELD TABLET

G71M

Precision positioning. Practical field computing.

A 7-inch Android RTK tablet for field teams collecting georeferenced assets, observations and inspection records with compatible software.



RTKGO running interface / product illustration

Read maps outdoors

7-inch 1080 × 1920; 2200 nits

Monitor RTK in the field

1408 channels; 20 Hz GNSS updates

Carry into fieldwork

700g; IP67; 10000 mAh

Typical applications

01

GIS & asset inventory

Record asset locations, photos and attributes for GIS maintenance.

02

Utility inspection

Locate accessible assets and link inspection notes to field positions.

03

Land & environment

Map field boundaries, observation points and sampling locations.

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: G71M

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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	7-inch IPS/AFFS; 1080 × 1920; 2200 nits
Battery / expansion	10000 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-C OTG / charging; SIM; microSD; 3.5 mm audio
Dimensions / weight	202 × 131 × 21 mm; 700 g
Protection / temperature	IP67; 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.