



A70MINI

GNSS Receiver

A70 is our new generation of intelligent receiver, supporting multi-constellation satellites, built-in large capacity battery, 4G network module, using android operating system. Compact and rugged magnesium alloy body with excellent performance.

Multi-constellation satellite tracked

GPS, GLONASS, BDS, GALILEO, SBAS, QZSS

Built-in 4G network module

Faster network login, more stable network communication

Made of magnesium alloy material

Lighter and stronger

Support to receive the L-BAND satellite signal

One receiver can achieve centimeter-level positioning

Web UI

Access the Web page, complete the receiver configuration, download data, firmware upgrade, view status, etc. through the mobile phone, tablet and other handheld devices

Support TTS intelligent voice broadcast

Broadcast content can be customized by users

Product Specification

GNSS Performance		Power Supply	
Channel	394 Channels	Battery	Rechargeable, built-in Lithium-ion battery 7.2V/6700mAh.
Satellite Tracked	GPS: L1CA/L1P/L1C/L2P/L2C,L5(Optional) GLONASS: G1/G2, P1/P2 BeiDou: B1/B2/B3 GALILEO: E1BC/E5a/E5b QZSS: L1CA/L2C/L5/L1C	Working time	Up to 9 hours
Update Rate	Up to 50Hz	Voltage	9~28V DC external power input
Static Accuracy	Horizontal : 2mm+1ppm RMS Vertical : 3mm+1ppm RMS	Physical	
RTK Accuracy	Horizontal : 4mm+1ppm RMS Vertical : 8mm+1ppm RMS	Dimensions	148mm*62mm
Data Interface		Weight	800g
5-pin	Used to connect external power supply external radio	Environment	
Type-C	For direct charging, data transmission	Operation Temperature	-45°C ~ +65°C
Sim card slot	Install SIM card	Storage Temperature	-50°C ~ +80°C
Voice	Support TTS voice calling	Water/Dust Proof	IP67 IP68 (Russian Version)
Communication		Shock	Survive a 2 m (6.6 ft) pole drop, 1.2 m (3.9 ft) free fall
Internal Memory	Onboard 8G	Vibration	Vibration resistant
Bluetooth	V2.1+EDR / V4.0 dual mode · Class2	Humidity	100%, condensing
WIFI	802.11 b/g/n		
Network Communications	LTE FDD: B1/B3/B5/B8 LTE TDD: B38/B39/B40/B41 TD-SCDMA: B34/B39 CDMA: BC0 WCDMA: B1/B8 GSM: 900/1800MHz		
Electronic Bubble	Enable		



Forest it Design

Forest it Design is a leading provider of rugged mobile computers, all-in-One PC:s, measurement instruments and GPS/GNSS solutions. The company has offices in Sweden, UK, Germany and Finland.

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