



E100

GNSS Receiver

E100 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	488	Battery	Rechargeable,
Satellite Tracked	GPS: L1CA/L1P/L1C/L2P/L2C		built-in Lithium-ion battery 7.2V/6700mAh.
	GLONASS: G1/G2, P1/P2	Working time	Up to 9 hours
	BeiDou: B1/B2/B3	Voltage	9~28V DC external power input
	GALILEO: E1BC/E5a/E5b	Physical	
	QZSS: L1CA/L2C/L5/L1C	Dimensions	148mm*62mm
Update Rate	Up to 50Hz	Weight	800g
Static Accuracy	Horizontal: 2.5mm+1ppm RMS	Environment	
	Vertical: 5mm+1ppm RMS	Operation Temperature	-30℃ ~ +65℃
RTK Accuracy	Horizontal: 8mm+1ppm RMS	Storage Temperature	-40℃ ~ +80℃
	Vertical: 15mm+1ppm RMS	Water/Dust Proof	IP67
Data Interface		Shock	Survive a 2 m (6.6 ft) pole drop, 1.2 m (3.9 ft) free fall
5-pin	Used to connect external power supply external radio	Vibration	Vibration resistant
Type-C	For direct charging, data transmission	Humidity	100%, condensing
Sim card slot	Install SIM card		
Voice	Support TTS voice calling		
Communication			
Internal Memory	Onboard 8G		
Bluetooth	V2.1+EDR / V4.0 dual mode, Class2		
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		

