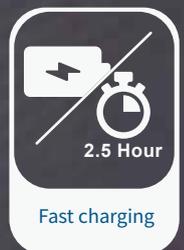
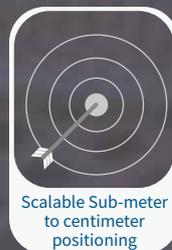


G100/G200 GNSS Receiver

Portable High-precision GIS/RTK Receiver
Make High Accuracy Everywhere



The G100/G200 is a rugged, compact, wearable GNSS receiver that provides professional-level positioning data to any connected mobile device with Android™ and Windows™ Mobile operating system. Integrating an antenna and the high-performance SinoGNSS OEM board inside, the G100 receiver delivers sub-meter accuracy positioning for your GIS applications. With SinoGNSS AT-series GNSS antenna, the G200 is able to deliver centimeter positioning accuracy for multiple land survey tasks.



*The internal GNSS antenna is integrated in the G100, while the G200 is not integrated an internal antenna.

Size:137 mm X 72 mm X 50.4 mm



SCALABLE SUB-METER TO CENTIMETER POSITIONING

Select single-frequency G100 for your GIS work, or the double-frequency G200 as a cost-effective GNSS RTK receiver.



FLEXIBLE WEARABLE MODES

Carried in an armband bag, a shirt pocket or attached to pole using an additional pouch for great mobility.



BLUETOOTH® CONNECTION

Wirelessly connect to mobile devices with Android™ and Windows™ operating system.



COMPACT & PORTABLE DESIGN

Weights 350 g and measures 13.7 cm × 7.2 cm × 5.04 cm, it's ideal for mobile surveys.



LARGE CAPACITY BATTERY

The 3400 mAh battery supports over 9-hour continuous operation in the field.



SMART BATTERY WARNING

Four-level battery indicator allows you know battery status all the time.

G100



The G100 is a rugged, compact, wearable GIS receiver that provides sub-meter accuracy positioning.

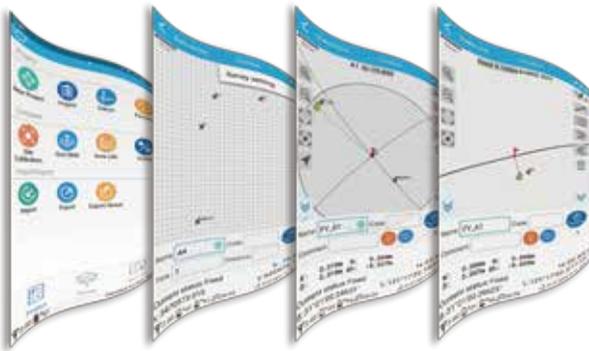
G200



The G200 is a cost-effective GNSS receiver that provides centimeter accuracy positioning to any connected mobile devices for RTK field surveying.

FIELD SOFTWARE

The G100/G200 perfectly works with SinoGNSS Android-based Survey Master Software, It's also compatible with any third-party GIS software that using standard NMEA message, meeting you multiple survey demanding in the field.



SURVEY MASTER

- Compatible with most of Android devices
- Perfect workflows and user-friendly interface
- Supports all survey modes, including Static, PPK and RTK
- Access to real-time open street maps
- Collect users' feedback through Cloud Service

 Google play [Survey Master](#)
Download for free

APPLICATIONS



Land surveying



Static Surveying



GIS



Flexible with Mobile Phone

TECHNICAL SPECIFICATIONS

MODEL		G100	G200
GNSS FEATURES	Channels	200	352
	GPS	L1	L1 C/A, L2C, L2P
	BeiDou	B1	B1, B2
	GLONASS	L1	L1 C/A, L1P, L2 C/A, L2P
	Galileo	/	Reserved
	QZSS	/	Reserved
	SBAS	WAAS, EGNOS, MSAS, GAGAN	WAAS, EGNOS, MSAS, GAGAN
	Correction data I/O	RTCM2.X, RTCM3.X	RTCM 2.X, 3.X, CMR(GPS only), CMR+(GPS only)
POSITIONING SPECIFICATION	Post Processing	2.5 mm + 1 ppm Horizontal 5 mm + 1 ppm Vertical	2.5 mm + 1 ppm Horizontal 5 mm + 1 ppm Vertical
	Single Baseline RTK	/	8 mm + 1 ppm Horizontal 15 mm + 1 ppm Vertical
	DGPS	<0.4 m 3D RMS	<0.4 m 3D RMS
	SBAS	1 m 3D RMS	1 m 3D RMS
	Standalone	1.5 m 3D RMS	1.5 m 3D RMS
COMMUNICATIONS	Bluetooth	4.0, compatible with Android and Windows mobile OS	4.0, compatible with Android and Windows mobile OS
	Protocol	RS232	RS232
PHYSICAL	Size(L×W×H)	13.7 cm × 7.2 cm × 5.04 cm	13.7 cm × 7.2 cm × 5.04 cm
	Weight	<0.35 kg (including 1 battery)	<0.35 kg (including 1 battery)
ENVIRONMENTAL	Working temperature	-20°C to +60°C	-20°C to +60°C
	Storage temperature	-30°C to +70°C	-30°C to +70°C
	Dustproof/waterproof	IP54	IP54
	Shock	survive a 1.5 m nature fall onto concrete	survive a 1.5 m nature fall onto concrete
POWER SUPPLY	Battery capacity	3400 mAh	3400 mAh
	Power	1.6 w	1.6 w
	Charging time	2.5 hour	2.5 hour
	Working time	Over 9 hour continuous work	Over 9 hour continuous work

Specifications subject to change without notice.

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