

# Compass 2

## Portable GNSS Receiver



The Compass 2 is a new portable GNSS receiver with a delicate design, embedded with Android system. Packaged with a 1.4-inch touch screen, it is convenient to get satellites information, GIS collection, stakeout, etc. Taking photos, recording videos and video calling are possible thanks to the built-in camera and 4G network module.



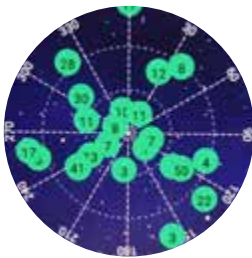
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### Features

- High precision positioning, support GPS, GLONASS, BD satellites, built-in satellite antenna, with multi-path rejection technology and anti-interference technology.
- 1.5 GHz processor and 3 GB RAM provide powerful performance. Integrated 32 GB ROM ensure your massive data storage.
- Easy to connect with PAD and phone via Bluetooth, compatible with Android, IOS, Windows Mobile device.
- Rugged design, with IP67 waterproof and dustproof, 1.5m drop proof.
- Two replaceable batteries, making it possible to last up to 10 hours.
- Advanced 4G network module, providing high speed real-time position and GIS transmission service.



	Compass 2
OS	Android 5.1
CPU	A53 (8-Core, 1.5GHz)
RAM	3G
ROM	32G
Channels	72
GPS	L1
GLONASS	L1
BD	B1
Output	NMEA-0183
Output frequency	1Hz
Correction format	RTD
Warm start	<1s
Cold start	<30s
Autonomous	5m
DGPS	1-3m
SBAS	2-5m
I/O port	Micro-USB, support OTG
Wi-Fi hotspot	support
Bluetooth	Bluetooth v2.1+EDR/v4.0
Network	4G
NFC	support
Gravity sensor	support
e-bubble	support
Data upload	automatically upload data to cloud server
SDK	support
Application	GISTAR/EGSTAR
SOUTH Cloud service	support
Camera	AF 8MP
Display	1.4 inch (400*400)
Battery	3.8V 4800mAH
	8 hours (Bluetooth) / 5 hours (network)
Operating temperature	-20°C~60°C
Storage temperature	-40°C~80°C
Relative humidity	up to 95% noncondensing
Drop	1.5m
Waterproof/Dustproof	IP67
Size	126*66*27.5mm
Weight	210g