

Economical RTK Solution

GPS+Glonass Receiver



The HiPer Ga model receiver has standard GPS satellite tracking capability with the added bonus of GLONASS satellite tracking upgradeability via OAF activation code. No hardware changes or modifications are required. Use the HiPer Ga as a cable free RTK base and rover system; or as two rover receivers from a fixed base station or a GNSS network system by way of radio or cellular communication.

HiPer Ga features include:

- Innovative, cable-free system design
- Complete GPS and Glonass satellite system tracking
- Advanced Digital Radio Communications System
- Integrated Bluetooth Wireless Technology
- Powerful 40 channel GNSS board operating at up to 20Hz
- User selectable and upgradeable internal memory
- Rugged, waterproof, field proven system design

If you need an economical RTK solution that provides advanced technology, wireless system design, and rugged, waterproof construction, it's time to think green. It's time for Topcon and the new Green Label HiPer receivers!

Specifications	
Tracking	
Signal	GPS and GLONASS L1/L2 C/A,P-Code, Full Code & Carrier
Channel	40 channels L1/L2
Cold Tracking	< 60 seconds
Warm Tracking	< 10 seconds
Reacquisition	< 1 seconds
Accuracy	
Static	3mm+0.5ppm x D horizontal, 5mm+0.5ppm x D vertical
RTK/Kinematic	10mm+1ppm x D horizontal, 15mm+1ppm x D vertical
DGPS	0.3m Post Processing, < 0.5m Real time
Physical	
Enclosure	Aluminum Extrusion construction
Dimensions	W:159 x H:173 x D:113 mm
Weight	1.65 kg

Environmental	
Operating Temperature	-30 ~ +60 degrees Celsius
Storage Temperature	-40 ~ +75 degrees Celsius
Humidity	95 %
Waterproof	IPX6
Power	
Internal Battery	Li-ion (4400mA/7.4V), non-detachable
Operating Time	10 TX, 12 RX, 16 static Hours
Input Voltage	6 ~ 28 V DC, 9 ~ 28 minimum charge
Communication	
Bluetooth	yes
Key and LED	
LED	4LED x 3 color
Memory	
Internal Memory	yes
Capacity	32 upgradeable to 128 MB
Logging Time	1080 Hours
Connectors	
External Power Port	1 port(s), N/A
Serial Port	2 port(s), N/A



New

HiPer Ga/Gb High-performance, economical RTK GPS

Powerful, fully integrated GPS receiver at a price to fit any budget. Both units offer GPS dual-frequency, and the Ga can upgrade to dual-constellation GPS+ GLONASS any time!

