

HiPer SR

From decades of Topcon GNSS evolution, the HiPer SR is simplified for all the right reasons.

 **SEE HOW**

Product Info



Daily setup routines are made easy through the HiPer SR's LongLink intelligence feature. More than just a wireless Bluetooth connection, LongLink serves to automatically connect multiple HiPer SR rovers to your mobile base. Just power them on and let the system do the rest. Combine your Topcon HiPer SR receiver with a robotic total station system, to create a Hybrid solution ready for any environment.

This entry-level GNSS solution is ideal for interference-free, short-range, wireless communication between base and rover. With an optional, internal, dual-SIM cellular modem the HiPer SR can also be used as a MAGNET Relay mobile base, adding flexibility to your portfolio for your various project scenarios.

- Capable of tracking GPS and GLONASS constellations
- Universal Tracking Channels capable of all-in-view tracking
- Hybrid Positioning ready
- Signal scrubbing Fence Antenna® to provide ultimate signal lock
- Highest accuracy positioning for RTK, network, and more

⊕ Specifications

HiPer SR Specifications

GNSS Tracking

Number of Channels	226-Channel Vanguard Technology™ with Universal Tracking Channels
Signals Tracked	GPS, GLONASS, SBAS, QZSS
Antenna Type	Fence Antenna

Accuracy

Accuracy	Static/Fast Static: H: 3.0 mm + 0.4 ppm V: 5.0 mm + 0.6 ppm
*	Precision Static: H: 3.0 mm + 0.1 ppm V: 3.5 mm + 0.4 ppm
	RTK (L1+L2): H: 10 mm + 0.8 ppm V: 15 mm + 1.0 ppm
DGPS	H: 0.4 m, V: 0.6 m
SBAS	H: 1.0 m, V: 1.5 m
<i>*See brochure for more information.</i>	

Communications

I/O Communications	Bluetooth®, Serial, USB
Cellular	Integrated HSPA+/CDMA

Memory

Memory	2GB internal
Real Time Data Output	TPS, RTCM SC104 v2.x, 3.x and MSM, CMR/CMR+
ASCII output	NMEA 0183 version 2.x, 3.x and 4.x

Physical and Environmental

Dimensions	W: 5.9" (150 mm) D: 5.9" (150 mm) H: 2.5" (64 mm)
Weight	1.87 lbs. (850g) – Basic 2.04 lbs. (925g) – Cellular
Operating Temperature*	-20°C to 65°C
**	-40°C to 65°C
Storage Temperature	-40°C to 70°C
<i>*With internal batteries</i>	
<i>**With external power</i>	

Certifications and Standards

Dust/Water Protection	IP67
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Power and Electrical

External Power Connector	Yes
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Performance

Operation Time	Up to 20 hours
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Topcon Positioning Systems, Inc.

7400 National Drive

Livermore, CA United States

For more information, and to locate a dealer closest to you, visit:

<https://www.topconpositioning.com/#dealerModal>

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