All the functionality needed, nothing more

Providing leading edge technology in a smart, rugged design, the HiPer SR receiver provides superior performance at an affordable price. The compact integrated design includes all-in-view satellite monitoring through Universal Tracking Channel (UTC) technology, industry leading Fence Antenna, sealed long-life power supply, and memory storage.

The HiPer SR comprises two different communication options including Topcon’s innovative LongLink communication technology and integrated cellular module (optional).

With the HiPer SR, made in the USA means that you don’t have to sacrifice durability and performance to have a versatile 3D job site system. HiPer SR – a compact lightweight receiver that is built to take the most intense environmental conditions and job site punishment.

In addition to ruggedness, the HiPer SR is the most versatile, configurable, compact receiver system available. Use just two units in many configurations, depending on the demands of the project site. Use as a job site base and rover with interference-free LongLink communication up to 300 m or base and rover with MAGNET Relay cellular communication RTK up to 35 km baselines.

A pair of HiPer SR receivers can also be used with internal SIM cards as network rovers with Topcon TopNETlive GNSS Reference Network, two network rovers with internet capable field controllers, two dual frequency static receivers, or in conjunction with a robotic instrument for Hybrid Positioning. All these configurations from just two receivers that can fit into any laptop carrying bag.

MAGNET® Relay service

In cellular mode, the global MAGNET Relay RTK service allows a HiPer SR receiver to be used as a mobile base hosting and “relaying” corrections for up to 10 rovers.

MAGNET Relay is an RTK forwarding service that allows users to broadcast in-field base stations to their own private Company Account within the MAGNET Enterprise secure service for distributing the base station RTK messages to their own rover receivers.
Fence Antenna™ technology

Magnesium alloy housing

Internal cellular modem (optional)

Vanguard GNSS chipset

LongLink™ technology

Simple MINTER with super-bright LEDs

Waterproof communication and charging port

USB data port

Cellular antenna port
226-channel Vanguard with Universal Tracking
Topcon’s exclusive channel tracking technology provides unmatched GNSS signal flexibility and expandability.

Integrated cellular (optional)
When cellular coverage is available, the HiPer SR is versatile enough for short or long range. MAGNET Relay serves up a simple way to perform mobile RTK session through a private environment.

Smart design
An innovative combination of compact and lightweight engineering within a tight environmentally sealed form – guaranteed to survive a 2 m concrete drop.

Fence Antenna™
Compared to competitive options, the proven Fence Antenna technology isolates each signal and reduces noise delivering unparalleled results.

For more information:
topconpositioning.com/hiper-sr

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