

Versatile GNSS Receiver

HiPer VR



Compact integrated receiver with
best-in-class technology

Complete, Cutting-edge Performance

HiPer VR

Better form and function

The HiPer VR is versatile and rugged, designed with the most advanced GNSS technology delivering precise measurements in the most challenging of environments. Topcon patented Universal Tracking Channels™ technology provides the industry's most efficient approach in identifying and using every satellite signal. All constellation signals are tracked automatically from any available channel. Thus, reaching maximum performance with a reduced number of channels.

Easy to learn and use, this versatile solution with signal scrubbing Fence Antenna® provides ultimate signal lock, high-accuracy RTK positioning, multiple communication configurations and LongLink™ interference-free communication that will help complete your work with precision and speed.

**Universal Tracking Channels™
for all satellites, signals and
constellations**

**Field-tested, field-ready IP67
design**

**Compact form ideal for Millimeter
GPS and Hybrid Positioning™**

**Revolutionary 9-axis IMU and
ultra-compact 3-axis eCompass**





- 1 Fence Antenna®
- 2 Power Button
- 3 Status
- 4 Recording

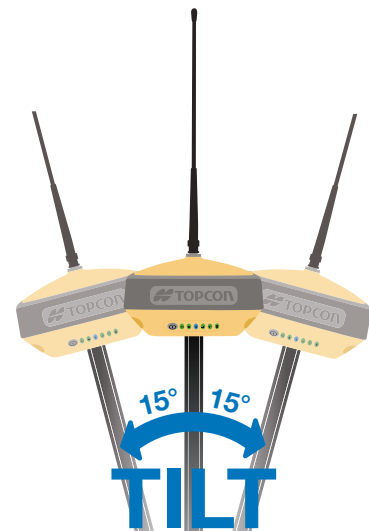
- 5 Bluetooth®
- 6 RxTx
- 7 Battery
- 8 Power Input

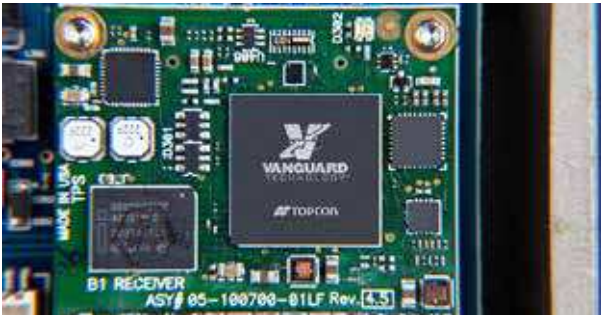
- 9 Serial
- 10 Micro USB
- 11 External GNSS Antenna

TILT – Topcon Integrated Leveling Technology

The HiPer VR incorporates a revolutionary 9-axis inertial measurement unit (IMU) and an ultra-compact 3-axis eCompass. This advanced technology compensates for mis-leveled and out of plumb field measurements by as much as 15 degrees.

Awkward shots on steep slopes or hard to reach spots are now a breeze with TILT.





Integrated radio and modem options

- 400 MHz UHF Tx/Rx radio
- License-free 900 MHz radio, FH915 protocol¹



L Band-ready technology

The HiPer VR is L Band-ready for countless advantages in receiving advanced GNSS corrections globally.²



Highly configurable

Designed to grow with you, unique electronic option files empower you to activate available features instantly.



Future proof

Topcon Universal Tracking Channels technology tracks all GNSS signals currently available and is designed to track the constellations and signals of tomorrow.



Specifications subject to change without notice.

© 2021. Topcon Positioning Systems, Inc.

All rights reserved. 7010-2258 C EU 2/21

¹ Check with the regulatory body in your region regarding license-free frequency requirements.
² Contact your Topcon representative regarding availability.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Topcon is under license. Other trademarks and trade names are those of their respective owners.

www.topconpositioning.com/hiper-vr