



## **Topcon HiPer V Rover FC 500 description**

### **Topcon HiPer V Network Rover sale with FC 500 and Topcon FC 500 GEO +3G Controller, Magnet Field GPS Software, Antenna, UHF 440-470 Male BNC, New 2-year Topcon Warranty**

Topcon Hiper V Rover sale includes:

- Topcon Hiper V Receiver, OAF, HiPer V L2 GPS, OAF, HiPer V L2 GLONASS, OAF, HiPer V RTK 10 Hz, Antenna, UHF 440-470 Male BNC
- Topcon FC-500 GEO +3G Field Controller with Pole Bracket
- Magnet Field GPS Software
- GPS Composite Pole
- Topcon Easycare
- Hard Case
- 2-year Topcon Warranty

The HiPer V boasts multiple communication methods using unique radio types for unique job sites as well as a fast internal cellular modem to perform MAGNET Relay sessions, turning your HiPer V into a mobile reference station.

Sitting confidently within Topcon's modern GNSS product line, the HiPer V is a powerful solution at an obtainable, mid-level price.

- Capable of tracking GPS and GLONASS constellations
- Universal Tracking Channels capable of all-in-view tracking
- Signal scrubbing Fence Antenna® to provide ultimate signal lock
- Offers choice of UHF or Spread Spectrum radios, as well as an optional, internal cellular modem
- Versatile, work-horse receiver with various configurations gets the job done regardless of your job scenario

## **HiPer V Specifications**

### **GNSS Tracking**

- Number of Channels: 226-Channel Vanguard Technology™ with Universal Tracking Channels
- Signals Tracked: GPS, GLONASS, SBAS, EGNOS, MSAS, QZSS

### **Wireless Connectivity**

- Bluetooth: V2.1 + EDR, Class 2, 115,200bps
- Radio: UHF, Spread Spectrum, Cellular (options)

### **Certifications and Standards**

- Dust/Water Protection: IP67
- Shock Rating: 6.56 ft. (2m)

### **Performance**

- Operating Temperature: -40°F to 149°F, (-40°C to 65°C), \*\* -4°F to 149°F, (-20°C to 65°C), \*\*\*, -4° to 131°F, (-20° to 55°C)
- \* External Power, \*\* Battery \*\*\* Cellular

### **Physical and Environmental**

- Enclosure: Magnesium alloy housing
- Dimensions: 7.24” D x 3.74” H, (184mm D x 95mm H)
- Weight\*: 2.20 lb. to 2.82 lb., (1.0kg to 1.28kg), 7.23 oz. (195g)

### **Power and Electrical**

- Standard Battery: Detachable, Li-ion rechargeable battery, 7.2V, 4.3Ah
- Operation Time\*: >7.5 hours in static mode w/Bluetooth® connection
- Input Voltage Range: 6.7 to 18V DC, \*At 68°F (20°C)

### **Accuracy**

- Static/Fast Static: H: 3.0 mm + 0.4 ppm, V: 5.0 mm + 0.5 ppm
- Precision Static: H: 3.0 mm + 0.1 ppm, V: 3.5 mm + 0.4 ppm
- RTK (L1+L2): H: 5 mm + 0.5 ppm, V: 10 mm + 0.8 ppm

### **Data**

- 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

### **Communications**

- Cellular: Integrated HSPA+/CDMA

