



TRIUMPH-2

GNSS Smart Antenna



Key Features

- All GNSS Constellations
- Small Size
- Lightweight 0.56 kg
- 25-hour battery life
- Bluetooth, WIFI, USB

The TRIUMPH-2 is a small and lightweight GNSS Smart Antenna that features all day battery life. With all constellation tracking, the TRIUMPH-2 excels as a network rover, preferred because of its light weight (0.56 kg) and simple operation.

Number of Channels	216	
GNSS Constellations	GPS GLONASS Galileo BeiDou QZSS SBAS	L1 C/A, P1, P2, L1C (P+D), L2C (L+M) L1 C/A, L2C, P1, P2 E1 (B+C) B1, B1C (P+D) L1 C/A, L1C (P+D), L1S, L2C (L+M) L1
Position Accuracy	Autonomous (Stand-Alone) SBAS DGPS RTK Static / Fast Static	< 2.000 m < 1.000 m < 0.500 m Horizontal: 0.010 m + 1 ppm, Vertical: 0.015 m + 1 ppm Horizontal: 0.003 m + 0.5 ppm, Vertical: 0.005 m + 0.4 ppm
Time for First Fix	Cold Start Warm Start Reacquisition	<35 s <5 s <1 s
Antenna	GNSS Antenna Type Ground Plane	Internal; NGS calibrated Microstrip (Zero Centered) Antenna on a flat ground plane
Memory & Recording	Internal Memory Raw Data Recording	Up to 2 GB, non-removable memory Up to 100Hz
Status/Interface	LED Indication Buttons	On / Off, Battery status, External power, Bluetooth, Radio, Satellites, Position, Recording statuses Power On / Off, Recording On / Off
I/O	Built-in converter USB 2.0 Wi-Fi Bluetooth External Power port	USB to RS232 FTDI. 12 Mbps Full-Speed IEEE 802.11b/g V2.0+EDR Class 2 supporting SPP Slave Profile 1 port
Power	Battery Operation Time External Power Input	Internal Li-Ion (7.2 V, 8.85 Ah), internal charger 25 hours 10-16 VDC
Physical & Environmental	Operating Temperature Storage Temperature Humidity Dimensions Weight	-40° C to +60° C -45° C to +85° C 100% condensing 85 x 61 x 132 mm (3.34 x 2.40 x 5.20 in) 0.56 kg (1.23 lbs)