

GNSS RTK L1/L2 Base station in a single rugged housing. Provides reference position for RTK fixed solution on 20 km over the internet and 2.5km over the radio. Supports RTCM v3.2 correction protocol.

Features :

- Multi Constellation type
GPS+GLONASS+Galileo+ BeiDou;
- Wireless interfaces LoRa/WiFi/Bluetooth;
- Regularly Upgrades.

GNSS :

- RTK Base station;
- Multi Constellation types;
- 184 channels GNSS engine;
- GPS L1C/A L2C, GLO L10F L20F, GAL E1B/C E5b, BDS B1I B2I, QZSS L1C/A L2C;
- Update Rate
 - RTCM 3.2 1Hz;
- Protocol
 - RTCM V 3.2 (1002, 1004, 1005, and 1006).

Precision :

- Static mode. Absolute reference positioning based known coordinates;
- Survey mode. Relative reference positioning;
- Time to First Fix 1 second hot start under open sky (average);
- Reference position for 20km distance to rover over Internet;
- Reference position for 2.5 km distance to rover over the radio.

Mechanical :



- 150mm X 75mm 200g;
- Operating temperature -20.. +65 C;
- RoHS compliant;
- IP 67.

Power :

- 9v-36v, 4W power consumption;
- Optional - 8 h autonomous work;
- Optional - Replaceable battery 18650x2.

Interfaces :

- WiFi 2.4Ghz;
- Bluetooth 2.1 SPP;
- RS232(19200..115200);
- Optional - LoRa 868/915 Mhz 2.5 km open air.