

## Τεχνικά Χαρακτηριστικά



### Signal Tracking

- 220 Channels
- GPS : L1 C/A, L2E, L2C
- GLONASS : L1 C/A, L1 P, L2 C/A, L2 P
- BEIDOU : B1, B2
- GALILEO : L1 BOC, E5B
- QZSS : L1 C/A, L1 SAIF, L2C
- SBAS : L1 C/A, (WAAS-EGNOS-MSAS-GAGAN)



### Data Management

- 10 Hz Update (up to 50 Hz)
- sCMRx, CMR, CMR+, RTCM SC104 2.x, 3.x
- VRS, FKP, MAC, intrRTK Support
- NMEA Output
- 1 GB Internal Memory
- microSD External Memory Recording
- RINEX Data Logging



### I/O Interface

- 2 x RS232 Serial Port
- 2 x DC External Power Input
- 1 x USB
- 1 x Bluetooth, >50 m Range
- 1 x microSD Card Slot
- 1 x SIM Card Slot
- 1 x Speaker
- 3 Push Button Control Panel
- 3 LED Indicator Panel



### Communications

- Internal 3.5G UMTS/HSDPA GSM Modem
- Internal Digital UHF Modem

(Trimtalk, Satel, TrimMark, Transparent Protocol)



### Power

- DC 6-28 V Input
- Dual Battery Compartment
- 10.000 mAh Hot-Swap Li-Ion Battery
- Battery Life
  - 24 Hours Static Measurement
  - 18 Hours RTK Rover
  - 15 Hours RTK Base



### Accuracy

- RTK : Horizontal 8 mm + 1 ppm, Vertical 15 mm + 1 ppm
- PP : Horizontal 2.5 mm + 1 ppm, Vertical 5 mm + 1 ppm
- RTK Init : < 10 sn
- Confidence Level : %99.9



### Environmental

- IP67 Enritonmental Protection
- Waterproof to 2 m Dept
- Shock Resistant Body to 3 m Drop
- Operating Temperature : - 45 °C to +65 °C
- Storage Tempearture : - 55 °C to +85 °C



### Physical Properties

- XENYO 5220U Housing
- Size : 182 mm x 92 mm
- Weight : 1.2 kg

