

SA-320-USB



Introduction

- Through Hole Mount/ Pole Mount
- Used in cruiser for Notebook/PC
- Cable Length 6m (19.685ft)
- WAAS / EGNOS Accuracy: 3M
- High EMI immunity
- Input power voltage DC 5V
- Perfect characteristic for both of speed and course at slow speed
- Magnetic Declination compensation
- Protected against reverse polarity voltage
- Option



SA-920-USB

accessory: smart antenna holder

Feature

SA-320-USB

- Built-in patch antenna
- 12 parallel tracking channels
- Fast TTFF(time-to-first-fix) and low power consumption
- On-board rechargeable battery sustained Real-Time Clock and control parameters memory for fast satellite acquisition during power-up
- Automatic cold start without user reset.
- Interference filter to major VHF channels of marine radar
- WAAS compliant with EGNOS support

Specifications

| | |
|------------------------------|------------------------------------------------------------------------------------------------------------------|
| General | L1 1575.42MHz, C/A code, 12-channel, Carrier-Aided with HWTrack© |
| Sensitivity | -143 dBm minimum |
| Update Rate | 1Hz |
| Accuracy | Position : 15m without S/A Velocity : 0.1m/sec without S/A Time : 1Jgs |
| WAAS Accuracy | Position : 5m CEP Velocity : 0.05m/sec |
| Acquisition | Cold start : < 120 sec (typical) Warm start : < 45 sec (typical) Hot start : < 15 sec |
| Dynamics | Altitude : -1000m to 18000m Velocity : 500m/s Acceleration : 4g |
| Reacquisition | <100m second |
| Antenna | Built-in Patch Antenna |
| Operation Temperature | -30°C to +80°C degrees Celsius |
| Storage Temperature | -40°C to +90°C degrees Celsius |
| Operating Humidity | 5% to 95% non-condensing |
| Protocol | EverMore at 4800/9600 baud, 8N1 NMEA-0183 v2.20 at 4800 baud |
| NMEA Messages | GGA, GLL, GSA, GSV, RMC, and VTG |
| Interface | USB RS-232(Super Mini Dim 6P cable) : Cable length 5M(standard) / 10M |
| Power Input | DC 5V |
| Input current | Maximum 150mA |
| Dimensions/Weight | Diameter : 83.3mm or 3.27-inch Height : 60mm or 2.36-inch Weight : 8.46oz or 240g |