

MINI – USB GPS Antenna/Receiver

Standard module package

Suitable for general USB GPS automotive, personal applications.



USB (Universal Serial Bus) is a peripheral bus standard developed by PC and Telecommunication industry leaders to provide a **Plug “n” Play Interface** for peripheral devices. All new personal computers are now equipped with a USB port to allow computer peripherals to be automatically configured as soon as they are physically connected.

- Built-in high performance SiRF Star III chipset.
- Current consumption <40mA
- 16 channels parallel.
- Average Cold Start in 42 seconds.
- -158 dBm sensitivity in tracking mode
- NMEA0183 compliant protocol
- Extreme fast TTFF at low signal level

Specifications

Chip	SiRF Star III
Frequency	L1, 1575.42Mhz,
C/A Code	1.023 MHz Chip
Position Accuracy	10 Mtrs 2D RMS, 7 Mtrs 2D RMS WAAS Corrected, 1-5Mtrs DGPS Corrected
Channels	16
Sensitivity	Cold Start -142dBm Reacquisition -148dBm Tracking & Acquisition -158dBm
Datum	WGS-84
Acquisition Rate	Hot Start < 3.5 seconds average (Open Sky, Stationary) Warm Start 33 seconds average Cold Start 42 seconds average Reacquisition <1s
Altitude	18,000 Mtrs
Velocity	515 m/s
Power	Main power input 3.3 +/- 5% VDC <40mA Consumption
Interface	USB Standard Type (Supplied set up CD)
Protocol Message	NMEA-0183
Default	NMEA
Baud Rate	4800 RMC (1), GGA(1)
Temperature Range	-40 to + 80 Degrees c, 5% to 95% non-condensing relative humidity.
Size	70mm long x 45mm Wide + 3 Mtrs of cable & USB connector
Configuration	Charcoal black finish, Magnetic Mount

Order Code **G105NU3XUSB02C**



ROJONE Pty. Ltd – 44 Aero Rd, INGLEBURN NSW 2565 AUSTRALIA
TEL +61 02 9829 1555 FAX 02 9605 8812 EMAIL sales@rojone.com.au