

Wireless Bluetooth GPS Receiver

GPSlim236

- **Item No.:** GPSlim236
- **Product Name:** Wireless Bluetooth GPS Receiver
- **Description:**

The Holux GPSlim236 Wireless Bluetooth GPS Receiver provides a easy-to-use trip guiding tools. You are able to enjoy a brand new experience in driving with Bluetooth™ technology of GPS Receiver, you could have the GPS connection without a cable, it's more convenient and flexible. Enjoy the GPS's life!



The GPSlim236 is high performance Bluetooth™ GPS Receiver which featured with:

1. Dual function (Bluetooth + GPS-mouse)
2. Compatible with Bluetooth™ Serial Port Profile (SPP) completely
3. Built-in rechargeable Lithium-ion battery without external power supply

Applications :

- * Vehicle tracing & Location base services
- * PDA/Notebook Navigation
- * Car navigation
- * Marine navigation

- **Feature:**

1. Use SiRF Star III chipset.
2. 20 - channel GPS Receiver for fast acquisition and reacquisition
3. 200,000 effective correlators for fast Time To First Fix (TTFF), even at poor satellite signal.
4. Built-in WAAS/EGNOS Demodulator.
5. Compatible with Bluetooth Serial Port Profile (SPP) completely
6. Built-in rechargeable/ changeable Lithium-ion battery for at least 10 hours operation.
7. Built-in rechargeable battery for memory for RTC backup and fast Time To First Fix (TTFF)
8. Support NMEA0183 v2.2 data protocol or SiRF binary code
9. FLASH based program memory. New software revisions upgradeable through serial interface
10. Provide expand terminal and can contact to other system without Bluetooth device

● **Specification**

Item	Description
Specification	<ul style="list-style-type: none"> • Tracks up to 20 satellites • Receiver: L1, C/A code • Update rate: 1 HZ(max) • Antenna Type: Built in Patch Antenna • Minimum signal tracked: -159dBm • Dimension: 46.3 (W) x 67 (L) x 19 (H) mm • Weight : < 56g • On/off switch: slide switcher • Lithium-ion battery lasts for more than 10 hours of use • Operation Temperature: -10 °C to + 60 °C • Store Temperature: -20 °C to + 85 °C • Operation Humidity:5% to 95% No condensing
Position	<p>◆ Non DGPS (Differential GPS) :</p> <ul style="list-style-type: none"> • Position : 5 - 25 m CEP without SA • Velocity : 0.1m / sec • Time : 1 μ sec sync GPS time <p>◆ EGNOS/WAAS /Beacon :</p> <ul style="list-style-type: none"> • Position : < 2.2 m, horizontal 95 % of time < 5 m, vertical 95 % of time
Acquisition Time	<ul style="list-style-type: none"> • Reacquisition 0.1 sec. averaged • Hot Start 1 sec. averaged • Warm Start 38 sec. averaged • Cold Start 42 sec. averaged
Protocol & Interface	<p>◆ Compatible with Bluetooth devices with Serial Port Profile (SPP)</p> <ul style="list-style-type: none"> • Bluetooth™ version 1.1 compliant • Bluetooth™ Class 2 operation (up to 10 meter range) • Frequency : 2.400 to 2.480 GHz • Modulation: FHSS / GFSK • RF channels: 79 • Input Sensitivity: -80dBm • Output Level: 4dBm <p>◆ Output terminal: Mini-USB (TTL Level)</p> <ul style="list-style-type: none"> • NMEA Protocol Output : V 2.2 Baud Rate : 38400 bps

Data Bit : 8

Parity : N

Stop Bit : 1

• **Output Format :**

Standard : GGA, GSA, GSV, RMC,VTG

Optional : GLL, SiRF Binary

-
- | | |
|-------------------------------|--|
| Dynamic
Conditions | • Altitude : 18,000 m (60,000 feet) max |
| | • Velocity : 736 m/sec (1000 knots) max |
| | • Acceleration : $\pm 4G$, max |
| | • Jerk : 20 m/sec, max |
-

3 Led Function	Bluetooth , Navigation Update and Battery and charger status Indication
---------------------------	---

● **Package Contents**

1. One **GPSlim236** Wireless Bluetooth GPS Receiver
2. One Quick Installation Guide
3. One tool CD (with User's Manual inside)
4. One set of Travel/ Car Charger
5. One Warranty card