

- **Product Name:** Bluetooth GPS Receiver
- **Item No.:** GR29



- **Description:**

The GR29 is a Bluetooth GPS Receiver that can be used independently. Not only does it can transfer data with PDA, or Notebook via Bluetooth, but also it can transfer data through USB cable with those devices without Bluetooth.

It is compact, stylish, and portable, even can be wore on the key chain, integrated the rechargeable Lithium-ion battery made the product sensitivity while low power consumer. There are 3 LEDs indicate the Bluetooth, GPS information, and battery information respectively, enable the running status monitored clearly.

- **Features:**

- ✓ Compact size that even key chain portable;
- ✓ High sensitivity, powerful GPS chipset, fast acquisition for 16-channel;
- ✓ Built-in WASS/EGNOS Demodulator
- ✓ Built-in USB driver, that can transfer data via normal USB cable;
- ✓ Support Bluetooth SPP profile
- ✓ Support NMEA0183 v2.3, 9600bps;
- ✓ Build-in stable, high performance Lithium-ion battery, low power consumer for at least 7 hours operation

- **Specification:**

Spec:

Channel: acquisition and track up to 16 satellites signal

Receiver: L1, C/A code

Update rate: 1Hz

Minimum signal tracked: -158dBm

Positioning Accuracy:

2.5m CEP accuracy

<2m CEP accuracy (DGPS, WAAS or EGNOS)

Velocity: 0.1meter/sec

Acquisition time:

Hot start: 4 sec.

Warm start: 34 sec.

Cold start: 42 sec.

Input & output:

Bluetooth protocol: Serial Port Profile

CSR BC04, 2.0

Baud rate: 9600bps

Distance: More than 10 meters (no obstacle)

USB driver V1.1 (V2.0 compatible)

NMEA0183 v2.3

Power support:

Built-in Lithium-ion battery for at least 7 hours operation

Dynamic condition:

Altitude: 18,000 meter max.

Velocity: 736meter/sec. max.

Acceleration: 4G max.

Jerk: 20meter/sec.

Dimension, Weight:

Dimension: 66 (L) x28 (W) x15 (H) mm

Weight: <35g

Operation Temperature: -10°C-+60°C

Store Temperature: -20°C - +70°C

Operation humidity: 5% to 95% no condensing

Other function:

Switch: Mechanical slide switcher

Antenna: Built-in GPS antenna

LED Function: Bluetooth, GPS positioning, Battery status