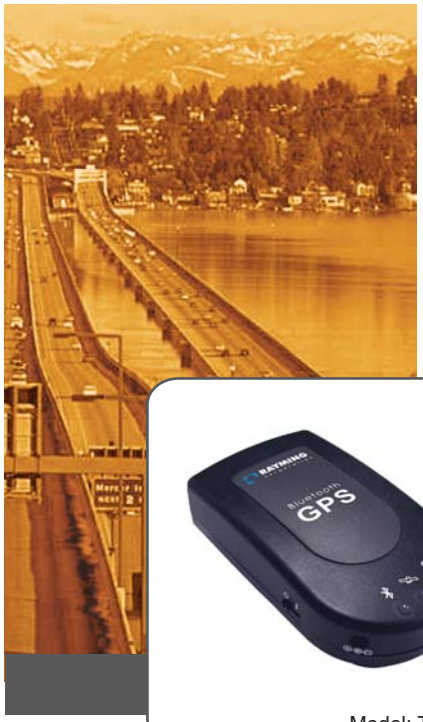

TripNav™

Bluetooth GPS Receiver, TN-206

The TripNav, TN-206 Bluetooth® GPS Receiver connects Bluetooth® enabled devices, such as a Pocket PC, Palm®, Laptop or Tablet PC wirelessly. By using a wireless connection, you free up an expansion slot for another device or an additional memory card. Now it's easy to get around town, or on those business trips and never have to worry about getting lost again! By using the TripNav TN-206 Bluetooth® GPS Receiver, your Bluetooth® enabled device, and your favorite mapping or navigational software, you will always know where you are and more importantly how to get there.

Model: TN-206

GPS navigation with your laptop, PDA and cell phone!

Features

- Communicate with Host Platform via Bluetooth® Serial Profile
- SiRF Star II/LP high performance and low power consumption chipset
- All-in-view 12-channel parallel processing
- Built-in SuperCap to reserve system data for rapid satellite acquistion
- Supported NMEA 0183 command:GGA, GSA, GSV, RMC, GLL,VTG
- GPS/Bluetooth/Battery LED indicators
- Non-slip rubber pad
- Built-in Lithium-ion rechargeable battery
- AC and DC chargers included

Benefits

- The compact design allows for easy packing in your computer or travel bag
- Works with any NMEA compatible GPS program on your Bluetooth® enabled device
- Low power consumption - 8 hours on a single charge
- Blue blinking LED to indicate the Bluetooth® connection status

System Requirements

Bluetooth® enabled device using one of these methods:
Internal Bluetooth® factory installed receiver (built-in)
Add-on CompactFlash Bluetooth® receiver (#TN-206-002)
Add-on Bluetooth® USB Dongle receiver (#TN-206-003)

Specifications

Specification subject to change without notice

Bluetooth® Characteristics:

Bluetooth®: V1.1 Compliant
Supply Voltage: 2.8V ~ 3.3V
Frequency Range: 2.402 ~ 2.480 GHz
Receiver Sensitivity: -80 dBm
Transmit Power: Class 2
Transmitting Range: 5 ~10 m (Depends on environment)
Dimension: 3.31" x 1.85" x 1.06"

Channels: 12 parallel channels
Output Messages: NMEA 0183 V2.2 protocol and supports command: GGA, GSA, GSV, RMC, VTG, GLL
Hot Start: 8 sec., average
Warm Start: 38 sec., average
Cold Start: 45 sec., average
Acceleration: Limit < 4g
Altitude Limit: 18,000m
Re-acquisition: 100ms
Velocity Limit: 515 meters/sec
Time Accuracy: 1us synchronized to GPS time
Position Accuacy: 15m 2D RMS without SA {BR} 10m 2D RMS WAAS enabled
Supply Voltage: Built-in rechargeable battery and 5V DC input charging circuit
Operation Time: 8 hrs. After fully charged, in continuous mode
Power Consumption: 45 mA (Typical)
Storage Temperature: -30°C ~85°C (-22°F~185°F)
Operation Temperature: -20°C ~60°C (-4°F~140°F)
Humidity: Up to 95% non-condensing

RAYMING corporation

1305 John Reed Court, Industry, CA 91745 • T: 626-961-6613 • F: 626-961-8493 • www.rayming.com • sales@rayming.com