

# GPS Dongle

## Quick Installation Guide

Thank you for purchasing GPS Dongle and we wish you have the best consumer product experience ever.

**Main features:**

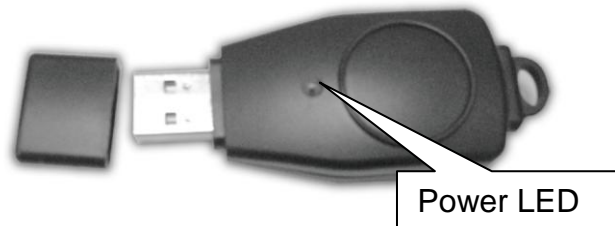
- Adopt SkyTraq Venus 6 chipset with 65-Channel for fast acquisition and reacquisition
- High sensitivity (to -160dBm)
- Excellent performance - Cold/Hot start time: 29/1 sec. (average)
- Support standard NMEA0183
- WAAS / EGNOS supported

**A. Standard Package**

GPS Dongle (1) + Cigarette Adapter (2)+ USB extension cable (3)



**B. Appearance**



**D. Start to use**

**D-1 Plug the USB wire and connect with a laptop**

The laptop must have mapping software installed.(Not included in the standard package) After connecting with laptop by USB cable, Dongle becomes a personal navigator.

**E. OTHERS**

**E-1 Manufacturing Setting**

Protocol: NMEA 0183 - GGA, GSA, GSV, RMC  
 Baud Rate: 9,600 bps; Datum: WGS-84

**E-2 GPS Features**

**SkyTraq Venus 6** GPS Receiver with super high sensitivity at -158dBm  
 Frequency: L1, 1575.42 MHz; C/A Code: 1.023 MHz chip rate  
 Acquisition time: Hot start 1 sec. / Cold start 29 sec. (averaged)

**F. Trouble Shooting**

Problems	Reasons	Methods
No position output but timer is counting	Weak or no GPS signal can be received at the place of the device	Find an open space for the device
Can not turn on the COM port	Incompletely install the device or the COM port of the device is being used	Install the device completely or stop other device that is being used.
Can not find out the device	Poor connection	Re-Start PDA or PC and re-install software.
No Signal	Weak or no GPS signal when using the device indoor	Go outdoors to improve the poor GPS signal.