Product name	Description	Version
LS23058	GPS USB Dongle/USB,9600BPS	1.0

Specification of GPS USB Dongle, µPOD+

Introduction

The µPOD+ is a tiny GPS dongle that will bring GPS function to your personal computer. It is designed to navigate on a Notebook, UMPC, MID or EeePC as easily to use as a dedicated navigation device.

The µPOD+, based on the high performance ATHEROS® uN3010A single chip solution, has fast Time-To-First-Fix, high sensitivity and low power consumption. It can provide good navigation performance even in urban canyon and dense foliage.

Features

ATHEROS® uN3010A single chip solution
USB 2.0 interface
Support Microsoft® Windows 2000/XP/Server 2003/Vista™
Support Macintosh OS9/OSX
Support Linux 2.4/2.6

Performance

L1 (1575.42 MHz) frequency, C/A code, 20 channels, continuous tracking
Cold / Hot Start Time: 39 s / 5 s @open sky

Note: Even if the Notebook, UMPC, MID or EeePC has passed FCC or other certification, it DOES NOT mean there is no interference in the GPS band.

Specification

Chip	ATHEROS® uN3010A single chip solution	
Frequency	L1 1575.42MHz, C/A code	
Channels	20	
Update rate	1Hz	
Acquisition Time	Hot start @open sky	5s
	Cold Start @open sky	39s (typical)
Protocol	NMEA 0183 GPGGA, GPGLL, GPGSA, GPGSV, GPRMC, GPVTG	
Baud rate	9600 bps	
Datum Default	WGS-84	
Power	+5VDC, USB bus power	
Power Consumption	68mA (typical)	
Size	66.6 x 20.8 x 11.6 mm	
Weight	17.4g	
Operating Temperature	-10°C ~ +60°C	
OS support	Microsoft® Windows 2000/XP/Server 2003/Vista™, Macintosh OS9/OSX, Linux 2.4/2.6	

USB Driver

Before you connect your μPOD+ to a Notebook, UMPC or EeePC, you must install its driver.

The μPOD+ uses Silicon Labs CP2102 USB-to-UART bridge controller to provide USB connectivity while communicating by means of a simple serial protocol.

How to find the USB driver on the internet

You can find the driver on the Silicon Labs® web site by the key words "USB to UART Bridge VCP Drivers", then download the USB driver according to your OS.