

Description:

G-MOUSE satellite receiver (hereinafter referred to as G-MOUSE), is a complete GPS receiver. Built-in satellite receiver antenna , and using the most advanced satellite receiver core, with a full range of features to meet the stringent requirements of industrial-grade positioning needs and personal use . Scope from car navigation , car alarm, bus-stop , Car DVR , car video surveillance , car DVD navigation , DVR, car audio, car monitors , car terminals , tracking, security systems, personal positioning , surveying agricultural uses and so on. Use only basic needs (appropriate power supply and face the sky) .

Application:

- 1.Vehicle tracing & Location base services
- 2.PDA/Notebook navigation
- 3.Car navigation
- 4.Marine navigation
- 5.Distance measurement
- 6.Sports and Recreation
- 7.Fleet Management
- 8.Vehicle Tracking

Feature:

- 1.50 channel GPS L1 frequency C/A Code.
- 2.Superior sensitivity up to -165dBm.
- 3.Built-in WAAS/EGNOS/MSAS Demodulator with out any additional hardware.
- 4.Low power consumption
- 5.For Car navigation,Marine navigation,Fleet managment,AVL,Personal navigation,Tracking System,and Mapping device application.
- 6.Water proof design

Supported operating systems:

Windows 8/7/Vista/XP/CE

Specification:

Model: LUYVK-162

Main chip: ublox

C / A code, 1.023MHz stream

Receive frequency: L1 [1575.42MHz]

Tracking Channels: 50

Support DGPS [WAAS, EGNOS and MSAS]

Positioning performance:

2D plane: 5m [average]

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Drift: <0.02m / s

Timing Accuracy: 1us

Reference coordinate system: WGS-84

Maximum altitude: 18,000 m

Maximum speed: 500m / s
Acceleration: <4g

Electrical properties:

Tracking sensitivity:-160dBm
Acquisition sensitivity:-146dBm
Cold start time: 32s [average]
Warm start: 32s [average]
Hot start time: 1s [average]
Recapture Time: 0.1s [average]

Temperature:

Operating:-40°~ 80°C
Storage:-40°~ 85°C
Humidity:Up to 95% non-condensing

Dimensions:

Dimension: 49 * 38 * 16mm
USB Cable length: 2m

Output:USB Data

Protocol:

GPS Protocol Default:
NMEA 0183
position, velocity, altitude, status and control
GPS Output Data : command GGA, GSA, GSV, RMC, VTG, GLL
GPS transfer rate : Auto-Baud