

DELUO GPS™

Deluo GPS lite High sensitivity Mouse GPS receiver



- Full navigation accuracy provided by Standard Positioning Service (SPS).
- Support high sensitivity for very weak signal acquisition and tracking.
- Integrated powerful CPU, base band and RF front-end hardware in a SOC (System On Chip) design reduces the space and power consumption in state of the art.
- Advanced IC technology gets the total receiver cost saving.
- Allow the receiver to track the satellites using up to 12-channel correlators.

- Fast TTFF for cold start, warm start and hot start.
- High performance firmware drives an excellent positioning speed.
- Serial communication channel with user selectable baud rates allow to design the maximum interface capability and flexibility.
- Support backup power to sustain internal clock.
- Fit for Notebook, PC ,PDA and so on
- Optional USB cable,PDA connector

Accuracy:	Position: 5m w/o S/A Velocity: 0.1 m/sec w/o S/A Time: $\pm 1\mu$ sec
Acquisition:	Cold start: 50 sec(Average) Warm start: 35 sec (Average) Hot start: 2 sec (Min.)
Sensitivity:	Acquisition: -139 dBm Tracking: -152 dBm
Dynamics:	Altitude: max. 18,000m Velocity: max. 500m/sec Acceleration. max. $\pm 4g$
Navigation update rate:	Once per second
Serial I/O :	Series RS-232 signal 4.8K (optional 9.6K) NMEA 0183:GGA, GSV, GSA, RMC,(optional VTG, GLL)
Coordinate Datum:	WGS 84
Power supply :	+5.0VDC and up to 9.0V DC
Power consumption:	Typical (tracking): 120mW
Sleep mode power saving :	Yes (automatically)
RTC support :	Yes
WaterProof :	Yes
System Performance :	Tracks up to 12 satellites L1, C/A code
Operating Temp.:	-40°~ +85°C
Storage Temp.:	-55°~ +100°C
Humidity:	5%~95%
Dimension:	41 x 41 x 18mm

DELUOGPS™

We offer technical support via email for our customers and for presale support.

Please email us at: support@deluo.com

If you are interested in becoming a reseller, send us your information at: resellers@deluo.com

For questions related to billing, contact us at: billing@deluo.com

Para soporte tecnico y de ventas en español, envíe un email a: contacto@deluo.com

Please send any other questions or comments to: info@deluo.com

To become one of our selected providers please send your company information to: vendors@deluo.com

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