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GPS Mouse (INF-GPS-Mouse-01)



Features:

- Low Power Consumption: less then 30mA
- 12 Channels tracking.
- Cold/Warm/Hot Start Time: 60 / 35/ 10 seconds
- Support standard NMEA-0183 protocol.
- Dimensions: 55(w)x 50(L) x 20(H) mm
- PS2 connector.
- Weight: 0.1Kg
- CE and FCC approved.(歐規和美規認證)

Specifications

General	L1 frequency, C/A code, 12-channel
Sensitivity	Acquisition: -132 dBm Tracking: -139 dBm
Update Rate	Once per second
Accuracy	Standard Positioning Service(SPS) WAAS(optional) Position: 5-15m CEP w/o S/A Velocity: 0.1 m/sec w/o S/A Time: +/- 1u Sec
Dynamics	Altitude: max 18000m / Velocity: max 500m/sec / Acceleration: max ±4g
Operation Temperature	-40℃ to +85℃
Storage Temperature	-55℃ to +100℃
Operating Humidity	5% to 95%
Power Supply	+3.3VDC and up to 9V DC
Power Consumption	Less than 30mA
I/O port rate	4.8K (optional 9.6K, 19.2K, 38.4K, and up to 115.2K)
I/O protocols	NMEA 0183 Ver3.0:GGA, GLL, GSV, GSA, RMC, VTG , Himark Binary
Coordinates System	WGS 84 ; Datum (Local to WGS 84)
Antenna	Built-in patch
NMEA Message	GGA, GLL, GSA, GSV, RMC, and VTG
Dimension	55(w)x 50(L) x 20(H) mm
Weight	0.1kg

Connectors

PS/2 Connector

Pin	Function
1	RX (RS-232)
2	RX (TTL)
3	TX (RX232)
4	GND
5	VCC
6	TX (TTL)

CN1		CN2
1	RX(TTL)	4
2	RX(RX232)	3
3	GND	5
4	TX(RX232)	2
5	TX(TTL)	6
6	+5V	1
shell	line	GND



**PS2(CN1) Female Connector
Front View**

