Product highlights

* The industry standard 25*25*mm High Sensitivity　GPS Antenna

* UART/TTL port, The reserved BOOT Switch,Support to update the　program

* Use KDS 0.5PPM High-Precision TCXO

* Built in RTC Crystal and skin capacitance hot start faster

* Built in EEPROM,Free rich configuration parameters

* 1-5Hz Location update rate

* Support assistNow online and assistNow Offline etc A-GPS service

* GPS,AGLILEO,SBAS(WAAS,EGNOS,MSAS,GAGAN)hybrid engine

GPS MOUSE		GL-DY26	
Receiving Frequency band	L1: 1575.42MHz	Receiving channel	56CH
Direction	<0.5 Degrees	Rate	<0.1m/s
Timing accuracy	30 ns	Reference coordinate system	WGS-84
Maximum altitude	50000M	Maximum speed	500 m/s
Acceleration	≦4g	Tracking sensitivity	-162dBm
Capture the sensitivity	-160dBm	Standard clock pulse	0.25Hz-1KHz
Location update rate	1Hz-10Hz(default 1Hz)	The start up time	32(typical)
UART/TTL port interface(default)	RS232 port interface(default)	Warm start time	32(typical)
Hot start	1(typical)	AGPS	3s
Output	NMEA 0183 V3.0(GGA,GSA,GSV,RMC,VTG,GLL)protocol		
Electrical interface	Wide voltage range: the main power supply 3.3-5V, Owned RTC Power		
Data rate	9600bps(default) (optional: 1200,2400,4800,19200,38400,57600,115200,230400,460800,921600)		
Cable long	2m	C/A Code,1023MHz code stream	
Positioning performance	<2.5M(Autonomous)(50%)　　<2M(SBAS)		

Size:65*56*18mm and 57*47*16mm

Normal working conditions

Parameters	Min	Standard	Max
The power supply voltage(V)	3.3	5	5.5
Working temperature(℃)	-40	--	85
Working current(mA)	25	30	35

Extreme operating conditions

Parameters	Min	Standard	Max
The power supply voltage(V)	-0.3	--	5
The output voltage(V)	-0.3	--	3.6
Working temperature(℃)	-40	--	85
Storage temperature(℃)	-55	--	100

RTC Power supply conditions(RTC power module power,life time is about 2.5Hour)

Parameters	Min	Standard	Max
RTC the power V supply voltage	1.8	3.0	3.6
Current consumption(Working)uA	--	15	--
Current consumption(Dormancy)	--	--	--

Level digital interface

Parameters	Min	Standard	Max
High level input voltage(V)	2.0	2.8	3.3
Low level input(V)	--	--	0.8
High level output(V)	2.4	2.8	3.3
Output low level(V)	--	--	0.4

Connector DB 9 Pin Out:

Pin 1=+5 vDC   Pin=2+GPS Tx   Pin 3=GPS Rx   Pin 5=GND