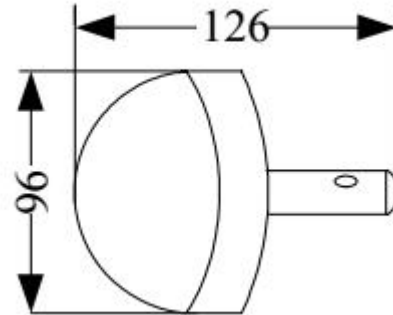




GStar

GL-DY218A



Functional Description

Fully self-contained GPS Receiver

Fully shielded design

* High Performance GPS Single chip(MTK)

GPS DS with integrated real time clock(RTC) ARM7TDMI CPU

* 4Mbit FLASH memory

* Low noise amplifier

* SAW filter

* Built-in regulators(LDO)

* GPS receiver with patch antenna

* Patch antenna size: 25mm(L)×25MM(W)×4MM(T)

* Size: 26mm(L)×96mm(W)×96mm(T)

* Weight: 36 grams without cable

Output Protocols

Data format: WGS-84 NEMA 0183

Activated message: GGA,GSA,GSV,RMC all with checksum enabled

Signal format: Baud rate: 9600,Byte: 8, Parity: None, Stop bit: 1

Up-date rate: 1 sec

Input Start Commands

MESSAGE	COMMANDS
FACTORY RESET	\$PSRF101,0,0,0,0,000,0,0,12,8810
COLD START	\$PSRF101,0,0,0,0,000,0,0,12,4*10
WARM START	\$PSRF101,0,0,0,0,000,0,0,12,2*16
HOT START	\$PSRF101,0,0,0,0,000,0,0,12,1*15