

SC-05 BDS/GPS/GLONASS tri-system Satellite Compass



Features

- BDS, GPS, GLONASS tri-system, up to 7 frequency receiver, heading lockfaster, safer and more reliable.
- Build-in MEMS gyro, 3 min heading output when satellites obstructed.
- High precision, accuracy is close to the gyro compass, better than 0.2 degrees when the baseline length is 0.5 meters.
- Long life ,no mechanical wear parts.
- With 4 digital LEDs to display the heading.
- With 2 keys to set all parameters.

SC-05 Connections

Heading accuracy	$\pm 0.2^\circ$
Heading resolution	0.1°
Positioning accuracy	2.5m, 0.6m(DSPS)
Maximum rate of turn	100° /s
Start time	20s(hot); 40s(cold)
Auxiliary unit	Built in MEMS gyro, provide 3 min heading output without satellites
Setting port	1 port, RS422/RS485
Output port	3 port, RS422/RS485
Baud rate	Baud rates 4800/9600/19200/38400
Output syntax	NMEA-0183 HDT ZDA GGA VTG ROT Note: Each port is individually configured .
Data output rate	1Hz/5Hz independently available
Power supply	+12VDC (11~18VDC)
Power consumption	<8W

Features

1	High cost-effective, accuracy is close to gyro compass, provide latitude and longitude output
2	Long life, no mechanical wear parts
3	Easy to install, no need calibration
4	No maintenance required, no cumulative error
5	Short start time, no warm up time
6	Safe and reliable

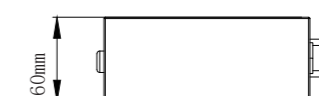
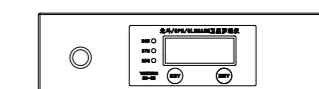
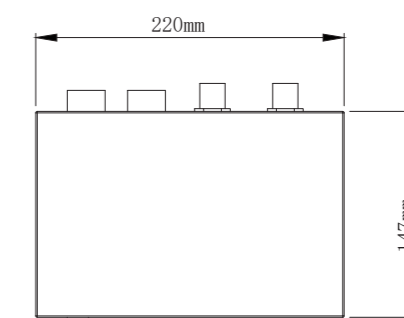
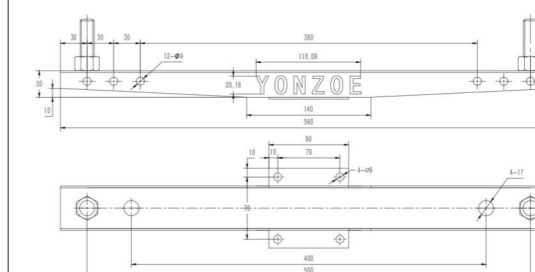
Applications

1	Gyrocompass exists, another installation of a low-cost satellite compass forms a flexible and reliable dual compass system which greatly extend the service life of the gyro ball
2	Only magnetic compass can not meet the needs of navigation safety, and there is no digital output, some mandatory device can not be used, such as AIS, the installation of satellite compass can meet these requirements
3	Lack of compass, in a new ship; A satellite compass can guarantee navigation safety

Operation Environment

Temperature	Ambient temperature	-15° ~+55°
	Storage temperature	-30° ~+70°
Vibration	IEC60068-2-8	
EMC	IEC61000	

Size and weight



Weight: ≈1KG