

Model : HA-102

Class B AIS Transponder with SART



Specifications

Connectors : VHF antenna connector PL259
GPS antenna connector TNC

Physical

Dimension: 19*17*4cm

Weight : 0.8KG

Power :

Input : 10-35V DC

Power Consumption : 0.35A Normal , 2A Peak

Electrical Interface : RS232 , 38400 bps

NMEA Sentence : VDM, VDO , RMC, GSV, GGA, GSA

AIS Characteristics

Frequency: 156.025MHZ ~ 162.025MHZ

Access Scheme : SOTDMA

Channel Bandwidth : 25KHZ

Modulation: GMSK

Data Rate: 9600 bps

AIS Receiver : Dual Chanel

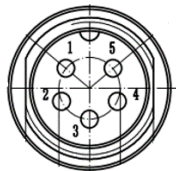
AIS Channel 1: CH 87B (161.975 MHZ)

AIS Channel 2 : CH88B (162.025MHZ)
Tx Power output : > 5W (37dBm +/- 1.5dB)
RX Sensitivity : < -123dBm @ 20% PER
RX Message Format : AIS Class A and B Messages
Comply Standard : IEC-62287 , IEC62287-2 Ed.2.0:2017



DB9 port is used for static information configuration and NMEA data output (RS232).

Aviation header is used for power input and NMEA data output(RS232).



Pin Color Descr.

- 1 Red Power +
- 2 Black Power -
- 3 Green TXD
- 4 Yellow NC
- 5 Blue GND

Config Software: Refer to the Config operate manual .

