

Automatic Identification System

Model: AIS-Receiver



AIS-Receiver is a cost-effective dual channel VHF receiver designed to receive and decode transmissions from vessels fitted with Class B AIS transceiver.

Features:

- Equipped with 2-channel AIS receiver
- Embedded with GPS receiver
- Enabled with GPS antenna
- Enabled with VHF antenna



Specification:

Receiver	
Frequency	AIS 161.975MHz AIS 162.025MHz
Channel Spacing	25KHz
Sensitivity	-107dBm
Demodulation	GMSK
Data Rate	9600
Impedance	50 ohms
Electrical	
Power Supply Range	9~30V DC
Power Consumption	1.5W
Output	
Baud Rate	38400 Baud (38.4Kb) or 4800 (internal link)
Data Format	ITU / NMEA0183
Output Message	VDM
Physical	
Dimension	140mm (L) x131.4mm (W) x 46mm (H)
Weight	600g
Mounting	Screw Mounting
Antenna Connector	BNC Jack
Data Output Port	DB-9
Power Connector	4 -pole Plug (Pin 3: Power +; Pin 1: Power -)
Operation Temperature	-25°C ~ +70°C
Storage Temperature	-25°C ~ +70°C
GPS Receiver Specification	
Chipset	Furuno
Sensitivity	-138dBm
Sentence output	GPRMC
Datum	WGS-84

(*PS: The specification is subject to change without prior notice)

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