Comar AIS-3R Receiver

comar SYSTEMS

The AIS-3R is a high performance, dual channel AIS receiver, with outputs for both NMEA 0183 and USB. The AIS-3R reads and decodes all AIS messages that are specified and transmitted by AIS Class A and Class B tranponders, AIS SARTs and Aids to Navigation. The AIS targets together with all the static and dynamic information received can be displayed on any AIS compatible Chart Plotter or PC navigation program.

The unit can be operated in various modes to suit your particular application. If connected solely by a USB cable to a PC the unit is powered by the PC and data is transmitted via the USB cable providing a compact solution. Whilst powered by the USB, NMEA 0183 output is also available from the Power/Data port. NMEA 0183 Input from a GPS can also be connected via the Power / Data port which is multiplexed with the AIS data to provide postion information to the PC. Connecting the unit to external 12/24VDC will automatically power the device from the boats batteries and provide both USB and NMEA 0183 data.

FEATURES:

- DUAL PARALLEL RECEIVERS
- POWER & CHANNEL LEDS
- USB 2.0 COMPLIANT
- LOW POWER DRAIN
- COMPACT DESIGN
- DIMENSIONS: 120 X 85 X 37mm
- USB POWERED
- 12/24 VOLTS DC POWERED
- NMEA 0183 VDM OUTPUT
- BUILT IN NMEA MULTIPLEXER
- OUTPUT AT 38.4 KBD
- NMEA INPUT AT 4800BD

Typical Installation

be aware be safe at sea

Typical information received by the AIS-3R receiver:

- Name of Vessel
- MMSI Number
- Position
- Speed (SOG)
- Course (COG)
- Type of Vessel
- Call Sign
- Heading
- Rate of Turn
- Navigational Status
- Vessel Dimensions
- Destination

The AIS-3R provides a small vessel with:

- A low cost method of monitoring the position, speed and heading of other vessels within VHF range.

- Reception from both Class A and Class B vessels, AIS SARTS plus Aids to Navigation.

- Compact design and simple installation.