



be aware be safe at sea

INFORMATION THAT CAN BE RECEIVED BY THE SLR200N

- Name of vessel
- MMSI number
- Position
- Speed (SOG)
- Course (COG)
- Type of vessel
- Call sign
- Heading
- Rate of turn
- Navigational status
- Vessel dimensions
- Destination

SLR200NG

An optional model, SLR200NG, is available fitted with an internal GPS receiver. When connected to an external GPS antenna the unit outputs its own vessels position, course and speed, together with the AIS data. This provides GPS and AIS data to the PC via the network.



Network AIS

The SLR200N is a low cost dual channel Ethernet AIS Receiver, designed specifically for the larger vessel or for shore side monitoring. It enables boats sailing in busy shipping lanes or shore side monitoring stations to receive AIS (Automatic Identification System) information being transmitted from Class A transponders, as fitted to vessels over 300 tons, and non-mandatory Class B transponders, as fitted to small commercial and leisure craft.

Connected to a PC or Router, via the industry standard RJ45 connector, the SLR200N enables AIS data to be shared on a local network or accessed from a remote location. When connected to a PC running a compatible AIS program information can be displayed giving visual interpretation of the name, position, course and speed of vessels within VHF range.

The Dual Channel Parallel receiver ensures that you receive the most up to date information regarding vessels movements providing accurate plotting of vessels.

The SLR200N provides:

- a low cost method of monitoring the position, speed and heading of other vessels within VHF range
- the ability to plot the progress, changes in heading and speed of other vessels on the screen of a PC
- a vessels name, call sign and MMSI number to call up the target vessel on a DSC radio and ascertain their intentions

Installation

Installation is quick and simple. The SLR200N requires a 12/24vDC power source, connection to a PC via the Ethernet port, and an external VHF antenna (not supplied). The SLR200N is supplied with a CD allowing the user to reconfigure the network interface, assign a specific IP address, access the unit via its internal web server, and a Com Port Redirector Utility to allow data to be accessed via a Com Port.

Technical Information

The SLR200N is a compact dual channel synthesised VHF receiver designed to receive and decode transmissions from vessels fitted with Class A and Class B AIS transponders, plus Aids to Navigation.

Electrical

Power supply range: 9-30 Volts DC

Power consumption: 400mW

Output

Interface: Ethernet 10Base-T or 100Base-TX (Auto-sensing)

Protocols: TCP/IP

Baud Rate: 38.4KB Default

Receiver

Frequency: A - 161.975 MHz, B - 162.025 MHz

Channel Spacing: 25KHz

Sensitivity: -112dBm

Demodulation: GMSK

Data Rate: 9600

Antenna Impedance: 50 ohms

Physical

Dimensions: L:140mm, W:120mm, H:50mm

Weight: 600g

Mounting: Trunnion bracket

Connectors

Output port: RJ45 socket

Power: 2 pole plug

VHF Antenna: BNC

GPS Antenna: TNC

Disclaimer: Whilst this document has been prepared in good faith, no representation or warranty, express or implied, is or will be made by Comar and no responsibility is or will be accepted by Comar as to the accuracy or completeness of this document.