



be aware be safe at sea

INFORMATION RECEIVED
AND TRANSMITTED
BY THE CSA 200

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

CSD 200 Display

- Colour LCD Display
- Full Keyboard
- Optional detailed chart
- Variable CPA Alarm
- Zoom and Pan
- Pilot Plug



AIS Class A Transponder

The CSA 200 is a compact Class A Transponder suitable for all vessels from large commercial ships, super yachts, fishing vessels, pilot boats, through to leisure boats.

The transponder has an integral GNSS receiver, VHF transmitter, three VHF receivers, and a 12/24VDC power supply. Mounted in a robust metal enclosure, all connecting cables run directly to the transponder, no additional cable junction boxes are required.

When used with the CSD 200 Display the unit meets with the IMO requirements for compulsory fit vessels needing to comply with SOLAS regulations. For non Solas vessels, the transponder, once pre-programmed with the vessels static data, may be operated as a stand alone unit, or with the optional CSD 200 Display.

Information received can be displayed on a Chart Plotter or Radar giving the user a clear visual interpretation of other vessels in the vicinity.

CSA 200 features

- Reception from both Class A and Class B vessels, plus Aids to Navigation.
- Compact design and simple installation.
- Receive and transmit Binary and Safety messages.
- Automatic transmission dependent on speed and rate of turn.

Power

Volts: 12-24 Volts DC
Current: 3.5 - 7 Amps

Transmitter

Power Output: 12.5W or 2W
Frequency: 156.025MHz - 162.025MHz
Modulation: GMSK

Receiver

AIS Frequency: 156.025MHz - 162.025MHz
Channel Spacing: 12.5KHz and 25KHz
Data Rate: 9600bps
DSC Frequency: 156.525MHz
Data Rate: 1200bps

Interfaces

2 x Navigation interfaces SEN1, SEN2
1 x RS232 Bi-directional port
1 x MKD port
2 x RS422 Bi-directional ports, LONG, EXT
1 x External Alarm port

Connectors

Power: 3 Pole
VHF: PL259 50 Ohm
GPS: TNC 50 Ohm
MKD: 25 way D Plug
External Interfaces: Push in terminations

Indicators

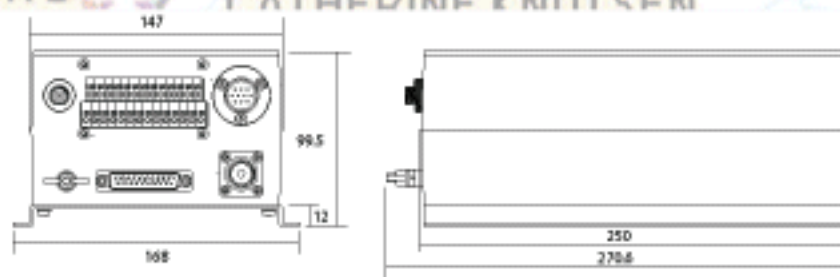
LED indicators for Receive and Transmit

Physical

Weight: 3.25 Kilos

Approvals
pending

Meets the requirements of Class A Shipborne AIS systems
IMO MSC.74(69) Annex 3, ITU-R M1371-2, IEC 60945, IEC 61162,
MED: 2002/75/EC



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.

comar
SYSTEMS

COMAR SYSTEMS LTD
Medina Court · Arctic Road · Cowes · Isle of Wight · PO31 7XD · UK

T +44 (0)1983 282400 F +44 (0)1983 280402

E info@comarsystems.com W www.comarsystems.com