

## AIS Coast Station - Specifications



### Supplied with

- Mains power supply (90 – 264VAC) with international plug adapters
- 2m Ethernet cable
- Installation and configuration guide
- GPS antenna
- High performance AIS tuned VHF antenna (**optional supply**)

### Physical

- Dimensions: 140mm x 130mm x 35mm
- Weight: 500g (main unit only)

### Functions

- Streaming of received AIS messages to four remote network locations
- Operation as a Type 1 or Type 3 AIS AtoN for transmission of AIS AtoN position reports
- Support for transmission of up to 5 synthetic/virtual AIS AtoN targets
- Internal 50 channel GPS receiver
- Ethernet and WiFi (802.11b/g/n) connectivity
- Local Ethernet port for configuration and monitoring
- USB port for local AIS data display Interfaces
- Power - 9.5mm DC jack
- VHF – SO239 socket
- GPS – female TNC
- WiFi antenna – reverse thread female SMA
- USB - mini-B connector
- Ethernet (local) – RJ45
- Ethernet (network) – RJ45

### VHF receivers

- AIS Receivers x 2
- Frequency agile over the VHF marine band
- <-110dBm sensitivity @ 20% PER VHF transmitter

### VHF transmitter

- AIS transmitter x 1
- Output power configurable to 1W, 2W, 5W and 12.5W

### GPS receiver

- 50 channels

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- IEC 61108-1 compliant
- GLONASS option available

### Environmental

- Operating temperature range -15°C to + 55°C
- IEC60945 'Protected' Category
- Suitable for indoor / protected installation

### Applicable standards

- ITU-R M.1371-4 Universal AIS Technical characteristics
- IEC60945 Edition 4
- IEC62320-2 Edition 1
- IEC61108-1 GPS performance

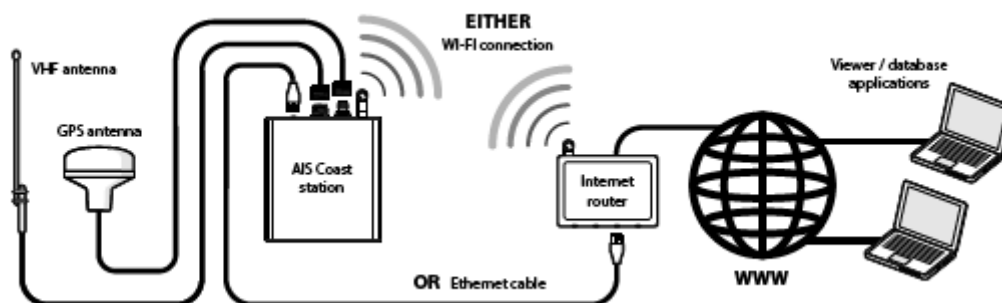
### Power consumption

- <4W from mains supply

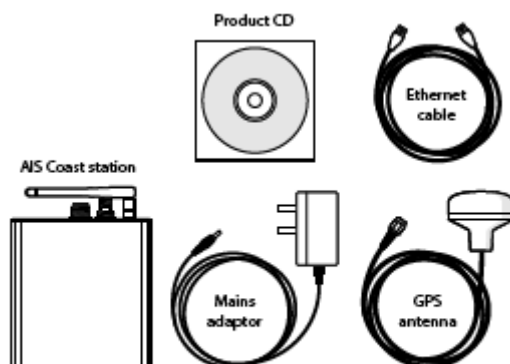
### International type approvals including:

- CE
- FCC
- Industry Canada

### Coast station system



### What's in the box



Transceiver Product Code 423-0001