



AIS RECORDER

Dual channel AIS base station receiver with internal USB memory stick data storage and TCP/IP interface

Examples of application are:

- **Stand-alone AIS base stations at remote locations with poor or non-existing infrastructure,**
- **Economical alternative for sea areas where full-featured AIS base stations are not required,**
- **Supplement to existing AIS networks.**

This unique AIS recorder allows you to receive and store information transmitted from AIS stations and also to have the data transferred to your PC or AIS system via the Internet.

The recorder is designed for 24/7 operations. All AIS data strings received can be automatically time stamped. The time can be synchronized via NTP.



The recorder box contains an embedded computer that reads all received AIS data and transfers it via TCP/IP network to a TCP client or server, as well as to the internal USB memory stick data storage. Therefore, in case of stand-alone usage or Internet connection failure, all AIS data can be made available for later manual retrieval. When the memory stick is full, the oldest files are automatically deleted first.

A web interface is supplied for verifying the current configuration and operation, or remotely uploading a new configuration or firmware to the device.

Network services are protected by a software firewall, only allowing access from authorized IP addresses.

AIS recorders are in operation for the Danish Maritime Safety Administration.

Technical Specifications

Receiver Frequencies	161.975 MHz (AIS1) 162.025 MHz (AIS2)
Receiver Sensitivity	-107 dBm
Interfaces	BNC Connector for VHF Antenna RJ45 Socket for Data Transfer
Internal Storage Medium	USB Memory Stick
Dimensions (L x W x H)	260 x 160 x 90 mm
Weight	2.86 kgs
Power Supply	Standard: 230 VAC, 0.5 A Fuse Other power supplies available upon request
Power Consumption	3 Watt



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