AIS RECORDER
Easy recording of AIS data in remote locations

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

This unique AIS recorder is capable of receiving and saving data transmitted from AIS stations and have it transferred to a PC or an 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.

Examples of application:

- Stand-alone AIS base stations at remote locations with poor or non-existing infrastructure.

- Economical alternative for coastal areas where fullfeatured AIS base stations are not required.
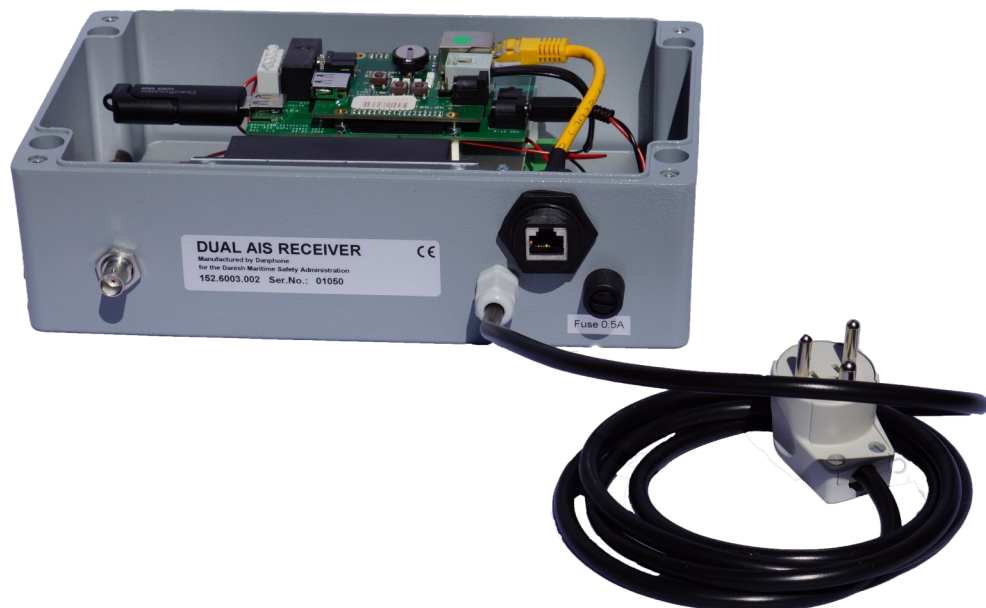
- Supplement to existing AIS networks.

The AIS recorder contains an embedded computer that reads all received AIS data. It 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.

DANPHONE
We ensure safe maritime radio communication worldwide

TECHNICAL SPECIFICATIONS

DANPHONE'S AIS RECORDER	
Receiver Frequencies:	161.975 MHz (AIS1) 162.052 MHz (AIS2)
Receiver Sensitivity:	-107 dBm
Interfaces:	BNC Connector for VHF Antenna RJ45 Socket for Data Transfer
Internal Storage Medium:	USB Memory Stick (Typical 8GB)
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
Power Consumption:	3 Watt
Data transfer:	Transfers data via TCP/IP network

AIS (AUTOMATIC IDENTIFICATION SYSTEM)

AIS (Automatic Identification System) is a VHF-based navigation system, which automatically provides all the necessary data such as position, course, speed and MMSI to other ships and coastal authorities. It is an automatic tracking system used for collision avoidance of vessels. The information from the AIS makes it possible to present a complete overview of the present vessel traffic.