

# Ship AIS Application Router



The **Ship AIS Application Router (SAAR)** connects to the AIS transponders standardized interface and communicates this information to several independent applications, such as ARPA, ECS/ECDIS systems. The SAAR provides full duplex connection via LAN or individual serial communication lines together with independent filtering on binary application and short messages on each individual connection.

## Key Features:

- 🔑 **Allows usage of multiple (3) users on a single NMEA/IEC 61162-2 interface**
- 🔑 **Separates user and application**
- 🔑 **Handles the process of Sequential Message Identifiers (SMI)**
- 🔑 **Keep tracks which application sent a messages so acknowledgement are routed back to the sending application without disturbing the others.**
- 🔑 **Filter out different specific data to specific systems and prevents non-wanted duplicated data on other systems**
- 🔑 **Fully configurable**
- 🔑 **Real time routing**
- 🔑 **Full checksum control and filtering**

## **Physical:**

Height: 200 mm  
Depth: 80 mm  
Width 250 mm  
Weight 1.0 kg

## **Power**

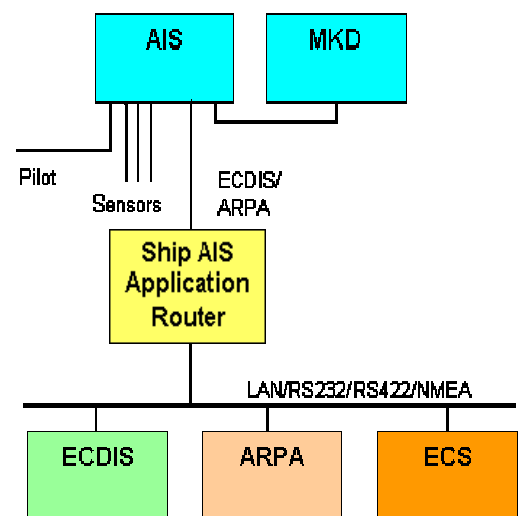
24 VDC (18-36 VDC), 100mA

## **Interface:**

4 x RS-422/232/NMEA  
Ethernet T-base 10/100 (RJ45)  
RS-232 (Set-up)

## **Indicators**

LED on front panel



TRUE HEADING AB  
NYBERGSGATAN 6B  
SE-114 45 STOCKHOLM  
SWEDEN

Phone: +46 8 660 90 60  
Fax: + 46 8 661 80 20  
E-mail: [info@trueheading.se](mailto:info@trueheading.se)  
[www.trueheading.se](http://www.trueheading.se)

