AIS receiver easy connected to the VHF antenna – with integrated splitter/amplifier and USB output

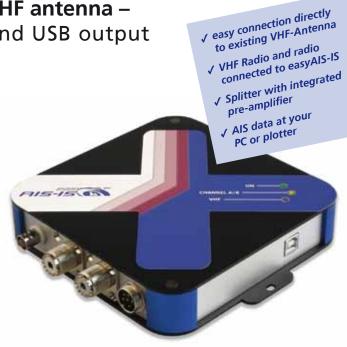
## **Functionality**

The easyAIS receives the AIS VHF radio signals, actually most send by the commercial vessels (but also from an increasing figure of pleasure boaters). These signals are proceeded into a NMEA Signal which can be interpreted from the latest chartplotter or a PC software. The unit has got an integrated antenna-splitter and this makes the installation of the unit to the existing VHF antenna very easy. By means of the integrated splitter with integrated RF-signal amplifier physical losses are eliminated, which is unique in nowadays market.

## What is necessary to use the easyAIS-IS Generation?

There is necessary the own existing VHF antenna and nothing more. The VHF Radio as well as the regular radio can be connected to the easyAIS-IS.

Which Chart plotter/PC software fits together with the easyAIS? Most of the nowadays new chart plotters or PC software are capable to show AIS data on the screen.



## Characteristics

- 2 channel AIS receiver with newest micro processor (µP) technology
- Highest sensitivity at optimized selectivity
- Enlarged DC power input 9V 28V
- Integrated splitter with integrated RF-signal amplifier
- Connection of the easyAIS-IS to the existing VHF antenna
- moreover there can be connected:VHF Radio, Regular radio, long wave up to VHF

## Specification

- 2 channel receiver to receive AIS data on 161,975 MHz and 162,025 MHz Class A and Class B
- Sensitivity: -112 dBm (Therefore 3 dBm better than the norm for Class A receivers)

- Channel spacing: 25 kHz
- Frequency selective antenna splitter with the possibility to connect to the easyAIS-IS:

VHF Antenna, 50 Ohm, SO239

VHF radio (IN/OUT): 50 Ohm, SO239

Regular radio: 50 Ohm, BNC for frequencies from app. 150 kHz to 110 MHz

- Power: 9 v 28 VDC, @ < 150 mA (Average of different modes)
- NMEA o183 output, message type VDM
- USB output for direct connection to PC
- Multiplex input for GPS data to pass through upconverted GPS data from 4800 Baud to 38400 Baud
- Ambient conditions: under deck, o° C to 60° C
- 150 mm (l) x 150 mm (w) x 35 mm (h)
- Weight: app. 400 g



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