



**Small and reliable AIS Receiver -
ready for the next charter trip**

easyAIS3



**easyAIS3 gives you high mobility
based on reliable quality - also
available with WiFi connectivity**

easyAIS3 - small, reliable and ready for the next charter trip

Everybody doing charter sailing knows this situation: There is no AIS equipment aboard!

OK, there is old-school-chart-navigation you may have learned years ago, but this is not sufficient at all.

Improve your navigation situation with full AIS reception and be prepared for your next charter sail with this palm-sized AIS receiver.

Function

The new easyAIS3 receiver from Weatherdock gets transmitted VHF based AIS information broadcasted from vessels in the vicinity.

These signals are processed into a NMEA0183 signal and forwarded to a connected AIS capable chart plotter or to an USB connected PC/MAC/Laptop running an AIS capable software.

Due to its small dimensions, the easyAIS3 receiver is the best partner on your next charter trip when there is no AIS system installed on the charter vessel.

The 5VDC power supply of the new easyAIS3 receiver is realized via USB cable to the computer. Even a 5V powerbank can be used which increases your mobility with AIS reception enormously.

The new easyAIS3 is also available with an optional integrated WiFi module.

This WiFi module ensures to work with mobile devices like tablets or smartphones using AIS capable navigation applications. In combination with a 5V powerbank this will be the definition of mobile AIS receiving.

Highlights

- ☑ Real parallel AIS reception mode on both AIS frequencies (161,025 MHz + 162,025 MHz)
- ☑ High channel sensitivity
- ☑ AIS Data output via
 - NMEA0183
 - USB
- ☑ WiFi connectivity optional
- ☑ 5V power supply via:
 - ☑ USB cable from PC/MAC or Laptop
 - ☑ USB cable from Power Bank
 - ☑ 5V Adapter

How to run

The installation of the easyAIS3 unit is very easy. You only need connection to a VHF antenna which should be placed as high as possible to get best reception performance.

The unit itself can be mounted under deck near by your chart plotter or computer using NMEA0183 or USB connection. When mounting at a fixed place, please ensure that there is 5V power supply if using NMEA0183 data output only.

By using the WiFi variant, you can take the easyAIS3-WiFi unit wherever you want using 5V powerbank.

Technical Data

- ☑ 2-Channel VHF receiver for both AIS frequencies 161,975MHz and 162,025MHz
- ☑ Reception of AIS Class A, Class B, AtoN and SART telegrams
- ☑ Channel sensitivity: <-112dBm
- ☑ Channel spacing: 25kHz
- ☑ Connection plugs
 - VHF Antenna (BNC, 50Ohm)
 - Power (USB: 5V ≥200mA)
 - NMEA0183 (2 pins, cable enclosed)
 - WiFi antenna as option (SMA, 50Ohm)
- ☑ Baudrate NMEA0183: 38,4kBd
- ☑ NMEA output message: VDM
- ☑ Ambient working conditions: inside, -10°C - 55°C
- ☑ Ambient storage conditions: -20°C - 60°C
- ☑ IP54
- ☑ Dimensions: 135mm x 100mm x 55mm
- ☑ Weight: approx. 250g
- ☑ Part-No:
 - A40000 easyAIS3
 - A40001 easyAIS3-WiFi



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EXCELLENCE IN RADIO TECHNOLOGIES
Safety • Navigation • Tracking

