



AIS goes mobile for more convenience aboard!

Weatherdock WiFi products are a quantum jump regarding the simplification of data use aboard. With the built-in WiFi module, an additional navigation place is created on your boat. Received AIS data are wirelessly linked to your mobile device. The latter can be a notebook, tablet PC, iPhone or iPad.

To visualize data on your mobile device, Weatherdock offers a free App named "easyAIS", which is available for download through the Apple store.

In case you are running a mobile device with lower screen resolution, we still recommend to use a suitable plotter with appropriate resolution for your safety.

Function:

The easyAIS-WiFi receives the incoming AIS data sent by commercial vessels (Class A) and pleasure boats (Class B). These telegrams are processed into a NMEA protocol which can be interpreted by chart plotters or PC software. With the wireless link to your mobile device, these data will be promptly received there as well. Running the "easyAIS" app, you will see a radar screen appearing, showing all received AIS targets within range. A click on a target will prompt you detailed information to this specific target, such as ship's name, speed and course over ground, etc. Additional information to your own boat's navigational status like your own speed, course, wind, etc. are available through sub-menus of the App, if you feed the easyAIS-WiFi built-in multiplexer with boat information.

What is necessary to use the easyAIS_Wifi?

Required is an AIS compatible chart plotter or PC software and an own VHF antenna. As an alternative you can use a VHF/AIS antenna splitter like the easySPLIT to use the already existing VHF antenna for both, the VHF radio communication and the AIS reception. The mobile device has to have AIS compatible software or App too.



- Enhanced functionality:
- integrated WiFi module
- wireless TCP/IP + NMEA 0183 + USB
- integrated multiplexer
- WiFi range of 30 m without any additional antennas
- fully compatible with popular navigational software or Apps for iPhone or iPad



Characteristics:

- # integrated Wifi module
- # provides wireless TCP/IP, NMEA 0183 (34800 baud)
- # NMEA input with multiplexer function for GPS and other boat instrument data
- # WiFi range of 30 m (depending on local conditions)
- # fully compatible with popular navigational software or Apps for iPhone or iPad

Technical data:

- AIS receiver
- # dual channel receiver on 161,975 MHz and 162,025 MHz
- # 25 kHz channel spacing
- # -112 dBm RX sensitivity
- Requirements for the DC supply # 9 V - 28 VDC

- # 250 mA
- NMEA input
- # Multiplexes NMEA data at a data rate of 4800 baud with internal AIS data
- NMEA output
- # NMEA 0183 (34800 baud)
- # NMEA message type: VDM
- WiFi
- # maximum range: 100 m (in free air)
- # usual range: approx. 30 m
- # maximum number of WiFi users: 1
- Antennas
- # connection to existing VHF antenna required
- # Wifi antenna supplied
- Abmessungen
- # 150 mm (L) 150 mm (W) 35 mm (H)
- # Weight ca. 400 g

This product is available at:



Weatherdock AG

Sigmundstrasse 180
90431 Nürnberg
Fon +49[0]911 37663830
Fax +49[0]911 37663840
info@weatherdock.de
www.easyais.de