



## 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-IS\_WiFi receives the incoming AIS data sent by commercial vessels (Class A), pleasure boats (Class B) and AIS S.A.R.T. (EasyRESCUE). 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. The integrated antenna splitter allows you to share the existing VHF aerial for both, the VHF radio communication and the AIS reception.

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. If you feed these data via the integrated multiplexer.

### What is necessary to use the easyAIS-IS\_Wifi?

Required is an AIS compatible chart plotter or PC software. The mobile device has to have AIS compatible software or App too.



- Enhanced functionality:
- integrated Wifi module
- provides wireless TCP/IP, NMEA 0183 (34800 baud)
- WiFi range of 30 m without any special antennas (depending on local conditions)
- fully compatible with popular navigational software or Apps for iPhone or iPad
- integrated VHF/AIS antenna splitter



- Characteristics:
- integrated Wifi module
- provides wireless TCP/IP, NMEA 0183 (34800 baud)
- WiFi range of 30 m (depending on local conditions)
- fully compatible with popular navigational software or Apps for iPhone or iPad
- integrated VHF/AIS antenna splitter
- integrated multiplexer

### Technical data:

- AIS receiver
- dual channel receiver on 161,975 MHz and 162,025 MHz
- 25 kHz channel spacing
- -112 dBm receiver sensitivity
- Requirements for the DC supply: 9 V - 28 VDC, 350 mA
- NMEA input
- multiplexes GPS NMEA data at 4800 Baud with the internally

- processed AIS data
- NMEA output: NMEA 0183 (34800 baud), message type: VDM
- PC connection
- USB (driver supplied)
- compatible to Windows, Linux and Mac
- 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
- Dimensions
- 150 mm (L) x 150 mm (W) x 35 mm (H)
- Weight: approx. 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.easysis.de