

easyAIS

easyAIS" is a simple to use marine app for iPhone, iPod touch and iPad. Designed to work in conjunction with the Weatherdock easyTRX2-IS WIFI or easyAIS-IS WIFI wireless AIS transmitter/receiver. This application will display the received AIS targets on radar like display. If you have installed this application and do not own Weatherdock easyTRX2-IS WIFI or easyAIS-IS WIFI, visit easyAIS.de to learn more about the easyAIS hardware and what you will need to create a wireless AIS system on your boat.

To connect this application to the wireless AIS transmitter/receiver, tap the "Home" button and from the home screen select "Settings" > "Wifi">"On".



the "Choose a Network..." list select the network "easyTRX2_XXX" or "easyAIS_XXX" and enter the password written on the back of the device

If another network is already selected, tap on the Blue disclosure button next to the selected network and select "Forget the network".

Return to Settings and launch the easyAIS application.

From the "Radar View", "Instrument Monitor" or "Targets" screen, tap on "Setup" tab and then "TCP/IP" button.

Hosts

TCP/IP

Save

Link:

☒

Host:

192.168.10.1

Port:

5101

Disconnect Alarm:

☒


Location Service:


☒


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$GPGGA,080521.000,4926.7367,N,01100.399...
!AIVDM,1,1,,B,33aC2MP00nPj`g:LAT3Tk3tTP...
$GPRMC,080521.000,A,4926.7367,N,01100.3...
$GPGGA,080522.000,4926.7367,N,01100.399...
$GPRMC,080522.000,A,4926.7367,N,01100.3...
$GPGGA,080523.000,4926.7367,N,01100.399...
$GPRMC,080523.000,A,4926.7367,N,01100.3...

```

 Radar View

 Target

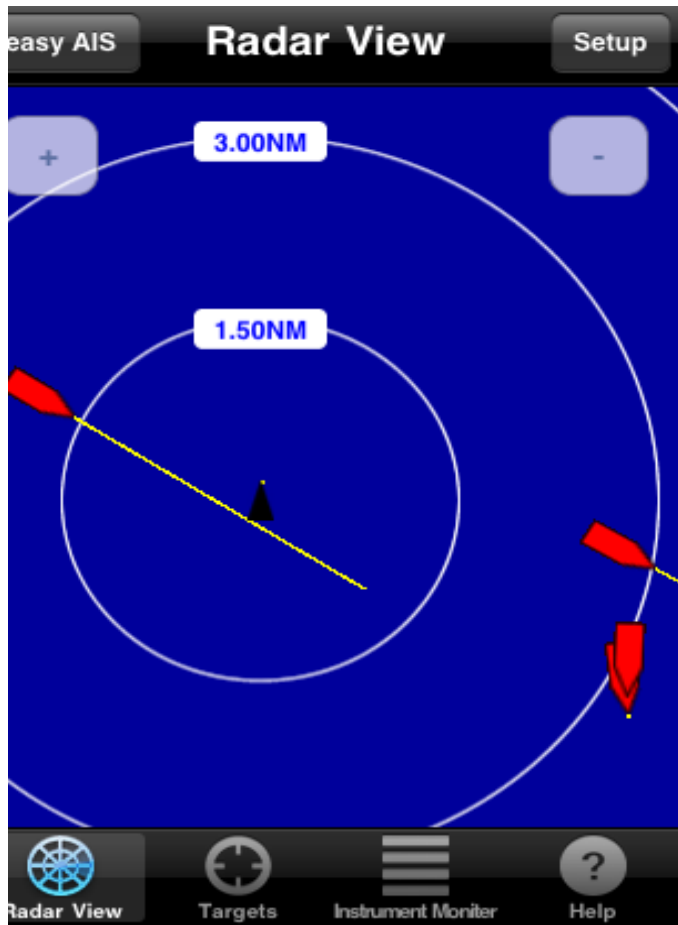
 Instrument Monitor

 Help

the Host and Port should be already set to correctly connect to the easyAIS (Host =192.168.10.1 and Port = 5101). Select "Location Services" to "ON" if there is no GPS receiver connected to easyAIS-IS WIFI or if there is no GPS antenna connected to the Weatherdock easyTRX2-IS WIFI. This will then use the internal GPS and/or "Location Services" of your Apple mobile device.

Clickable "Link" and ensure that some green text NMEA 0183 data is shown, then select "Save" button, then "Save" tab in the "Setup" Page.

After you click on the "Radar View" you should now see your vessel centered in the middle of the range ring display. You select the "Radar View". Your boat is shown as a black triangle. All of the received AIS targets will be shown around your vessel relative to your position. Note that the easyAIS display is Course up not North up, which is much better for AIS display. The "+" and "-" buttons can be used to expand or decrease the range.



lecting the "Target list" tab will display the AIS target list which is sorted by the range of the target from the own
ips position.

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Targets

Setup

1.46 NM	5.90 kn	~211032167
2.23 NM	5.70 kn	~244630134
2.46 NM	0.00 kn	~211169680
2.49 NM	0.10 kn	RISKANT...
3.99 NM	0.00 kn	~244660051
4.44 NM	4.50 kn	~264163131
5.69 NM	5.80 kn	~211183310

Radar View

Targets

Instrument Monitor

Help

pping on a target in the list or tapping on an ship icon on the Radar View will show all of the information about th
5 target.

easy AIS


Targets


Setup


Close


RISKANT

MMSI	211169230
LAT	49°25'32.85"N
LON	11°3'46.38"E
SOG	0.10 kn
COG	185.60

Radar View

Targets

Instrument Monitor

Help

lecting “Instrument Monitor” tab will display additional GPS information if available."

COG	180.41
SOG	0.01
Lat	49°26'44.21"
Lon	11°0'23.96"
GPS	0