AIS Devices

Manufacturers

dAISy AIS Receivers

QK-A026 Wireless AIS+GPS Receiver

Vesper

Comar

Standard Horizon GX2200 Matrix AIS/GPS

- Dual use of existing VHF antenna, no expensive Coax splitter needed
- Instructions for connection to OpenCPN
- Digikey USB to RS232 Connector to use with the instructions

AIS Transponders

For Vesper Configuration Instructions with Opencpn

Also Vesper mobile OpenCPN Android App suggestion

Vesper XB-8000

GPS, AIS Transponder, Wifi, Nmea2000, Nmea0183, Alarm, no screen

Excellent Panbo Article on Vesper XB-8000

Vesper Watchmate 850

GPS, AIS Transponder, Wifi, Nmea2000, Nmea0183, Alarm, Screen & Filters

AIS Receivers

dAISy AIS Receivers

OpenSource. These little receivers work like a charm! A simple and easy low cost alternative for RPI, USB
& Chartplotters.

dAISy AIS Receivers -Main Shop Webpage

- dAISy One channel with USB NMEA
- dAISy 2+ with NMEA output Dual Channel + NMEA RS-422 & USB
- dAISy HAT for Raspberry Pi Dual Channel + RPI GPIO pins & RS-422 available.

dAISy Website

dAISy Github OpenSource dAISy Early Development

Cruiser's Forum Thread

Examples:

- OpenCPN on Rasberry pi 2 with Ais
- A powerful Maritime Instrument & Display Controller- UDIO + dAISy
- Track nearby ships using the dAISy Receiver -Blog
- Pocketmariner post about dAISy
- Make your own inexpensive Wireless AIS Receiver RPI3B+ dAISy HAT
- dAISy2+ -AIS over Wifi with DT-06

Quark A027 GPS AIS Receiver Seatalk Wifi

This Quark unit means that you could use OpenCPN on your laptop and wirelessly receive all the data from your instruments. QK-A027 Wireless AIS Receiver with GPS + SeaTalk Converter £82.99 There are other units in their range but this is for Raymarine instrumentation with a Seatalk enabled unit.

To receive the AIS signals you also need an aerial or you could use a splitter and use your existing VHF aerial. QK-AS02-149-VHF Antenna AS02-149 = £33.00

Other Quark AIS Receivers + features

Quark AIS receiver dongle

Quark-elec AIS receiver dongle: Receiving on AIS dual channel alternatively, USB power and output 3.84k NMEA183 data,Compatible with Windows 7,8,10,Mac Linux system.
Details :

Quark-elec wireless AIS receiver: Receiving on AIS dual channel alternatively, USB power and output 3.84k NMEA183 data.With embedded WiFi module, QK-A023 can share AIS messages with nearby mobile devices wirelessly.
Details :
QK-A026 Wireless AIS+GPS Receiver Details:

- Quark A026 is about the same price as the Moitessier HAT and provides NMEA 0183 interfaces and WiFi connection
- Self contained, no computer with software needed, just power and VHF/AIS antenna (Vesper splitter)
- Get AIS and GPS info via WiFi to whatever computer, tablet or phone you want.
- Use AIS and GPS info in OpenCPN on a tablet.

**Sea Angel Mobile AIS - battery powered WIFI AIS Receiver**

Standalone battery powered AIS Receiver, WIFI enabled, including VHF Antenna. Up to 20 hours before it needs recharging and it connects to 10 WIFI clients simultaneously. AIS wireless to Opencpn and no mounting on the boat required, perfect for all watersport enthusiasts without their own yacht.

**Sea Angel** Wifi Module, AIS Receiver USB, AIS MOB Sart

**RtlSdr Dongle**

There is a plugin which assists with use of this device for AIS purposes. We have found that for the average user, one of the other low cost choices may be better.