





SHIP TO SHIP TRANSFER OPERATION

GyroPilot - Product Features & Specifications

Wireless Pilot Plug data repeater with built-in gyro for ROT data and heading smoothing. All in a light-weight and rugged case that fits in the palm of your hand!



Performance Features & Usability

Quick start up : AIS available immediately and ROT after calibration (30 sec).

Auto detect : Auto detects and corrects Pilot Plug pin configuration and data rate.

Accurate : On-board pitch and roll sensing to improve Heading accuracy.

(available soon and user upgradable)

Leave-behind Alarm: Activates 30 sec after GyroPilot is no longer connected to the laptop/tablet. Backup mGNSS Should AIS fail. GP provides position and course over ground for emergency use.

Multi-Connect : Compatible with both BT & Wi-Fi devices. Can connect multiple devices at a

Ability time to share information

Physical Specifications

120 x 75 x 40mm [4.7" x 2.9" x 1.6"] Dimensions

Weight 300g [0.66 lbs]

Li-lon rechargeable Battery

Indicators Battery status, Communication link status, GNSS status, AIS status

AIS cable 1.5m Combined AIS & charging cable (other lengths available on request)

Technical Specifications

Position source Primary - AIS | Back up - mGNSS

Rate of Turn (ROT) ROT Accuracy < 0.5° | ROT Precision : 0.1°/min

Heading (HDG) HDG Accuracy < 0.5° | HDG Precision: 0.1°

Data output All AIS messages, GPHDT, GPROT, battery status

Wireless Wi-Fi. Back-up operation by USB cable

Backup GPS 33-channel GPS/GLONASS receiver with SBAS. GPGGA, GPVTG, GPGSV

Firmware User upgradable

SEAia

SEAig Pilot is the most powerful navigation software available, designed specifically for use by pilots. It is widely adopted in ports and pilotage areasaround the world. It combines a complete set of piloting features with unparalleled ease-of-use.

Compatible with iPads/iPhones, Windows, MacOS, Android



Standard ECS Features

- Chart formats: S-57, S-63, iENC, BSB/KAP
- Adherence to IHO standards
- Routes, Waypoints, Tracks, VRM, EBL, Fenders

- · Mariner's Notes
- · Dusk/Night color modes
- NMEA/AIS support

Pilot Oriented Features

- Powerful true-scale vessel display: Predicted course, predicted vessel position, swept path, AIS vessel types, estimated squat and pivot point.
- · Docking Aids Show distance and speed to user selected fenders and single point moorings. Both graphical and textual displays.
- Collision Avoidance: graphical CPA, BCD, meeting points, trial ROT, trial SOG, alarms.
- Route planning: ETAs, goal times, speed limits, passing restrictions, meeting points, scheduling
- Grounding Avoidance: depth contours, tidal adjustment, hi-res bathymetric ENCs.
- · AIS Record/Playback Automatically record all vessel movements and playback later at normal or 10x speed
- · Pilot Log Book Record events during pilotages. Automatically saves time, own-ship status, route, and nearby AIS targets. Add camera images and screenshots. Print logbook from iPad or archive via email and other methods.
- · Mariners Tools with VRM, EBL, clearing lines, and mariners notes. Mariners notes have choice of over 50 symbols. Lines or polygons in user-selected colors and styles.

Screenshots of SEAig in use across the world.



LNG Carrier in Japan



Docking on Humber River. UK



Argentina



in SEAia

-1.12 02:24 Data of both vessels

9.6 son 10.9 321° coe 325°

323° HOO 325° NONE ROT O°

-1.12 02:03 138