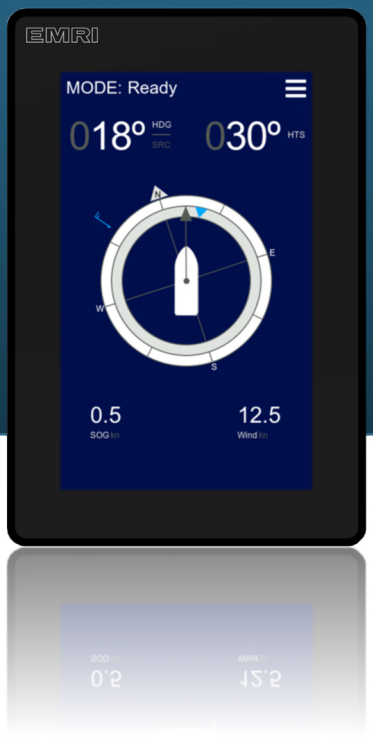
EMRI
A FURUNO COMPANY

AnchorPilot™

For Cruise Vessels and Mega Yachts

Effortless Electronic Anchoring

with EMRI AnchorPilot



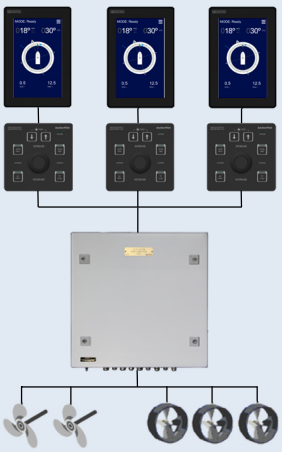
www.emri.dk

Simple and user-friendly position keeping

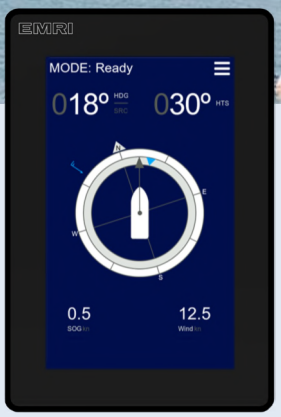
The AnchorPilot from EMRI provides reliable stay put functionality on locations where traditional anchoring isn't possible or desired.

- Automatic and manual control
- Flexible installation options
- Minimal training needed
- Intuitive operation
- Easy assist modes
- Easy to read high brightness display

Bridge components



Engine room



The system can be designed with a variable number of workstations depending on requirements and bridge layout. A main interface box handles data between bridge components and engine room.

The AnchorPilot system is based on many years of experience in designing intuitive and precise position keeping systems to make the complex operation appear simple. By using thrusters and rudders, the system ensures that the vessel maintains a specific position without the use of a traditional anchor, which might not be permitted in scenic areas due to environmental considerations or desired for operational reasons.

The AnchorPilot utilizes the versatile Pilot Mini Display and is operated together with a control panel consisting of a tiller and a few pushbuttons. The result is a slimline design with minimal use of space in the bridge console and simplified operation, that can even be built into the bridge chair's armrest.

Reduced operational costs

Due to the simplicity of the human-machine interface, there is no need for annual training of personnel or for having a dedicated DP (Dynamic Positioning) operator. Additionally, the layout of the control panel is similar to those in the EMRI Pilot series to enhance intuitiveness across the equipment.

Simple control modes

The AnchorPilot is operated by using the control modes available on the control panel. These modes offer automatic assistance or manual control, depending on the situation and preference.

Auto mode allows the system to automatically maintain the vessel's current heading.

Manual mode allows for manual adjustment of the heading using the tiller.

To Wind mode allows the system to automatically position the vessel against the wind to improve stability and optimize fuel consumption.

90 Degree Port mode is used to maintain heading 90 degrees port from the wind which is ideal for shielding tender boats from wind exposure.

90 Degree Starboard mode is used to maintain heading 90 degrees starboard from the wind for opposite coverage.

PRELIMINARY

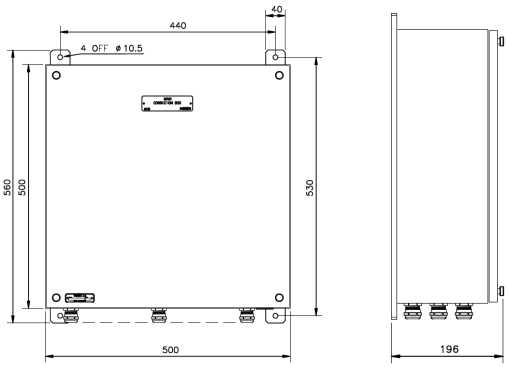
Product name AnchorPilot

Display

1. **Power supply**
   Ship supply 24 VDC
   Power: <20W
2. **Interface**
   CAN bus: 1, ISO11989-2
   Ethernet: 1, (10/100/1000) Mbit/s
   Serial I/O: 1, RS-422 / RS485 (IEC61162-2)
3. **Display**
   5” TFT display high visibility
   Luminance 900cd/m2
   Dimensions: 139,75 x 91,75 x 30,00 mm.

Control panel

1. **Power supply**
   Ship supply 24 VDC
2. **Interface**
   CAN bus: 2 ports
   Actuation of pushbuttons: 5.5 Newton
3. **Modes**
   Auto/Man
   Wind HDG
   90 Degree Port
   90 Degree Starboard

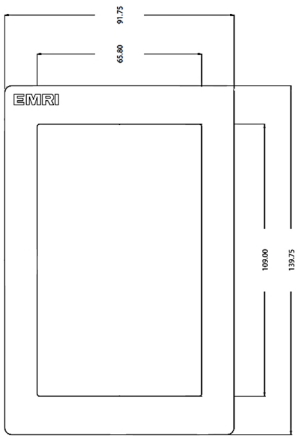


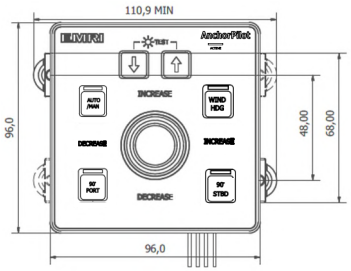
Environmental conditions

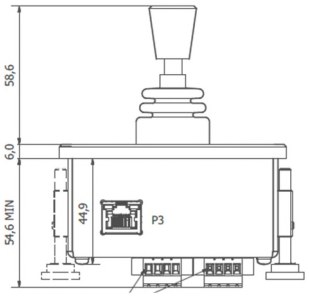
1. For indoor use

Standards conformity

1. Environmental: IEC60945 Protected class
2. Electrical and electronics: IACS E10
3. Cyber: IACS E27 (pending)







SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

EMRI A/S, Marielundvej 37A, DK-2730 Herlev, Denmark
sales@emri.dk

Doc ver. 2024-08-23