

KEY FEATURES

- Two-way comms: Setup is done via the mothership, keeping the tender system hidden for security/anti theft
- Supplied wireless water sensors: No need to splice bilge pumps, protecting warranties and adding extra safety
- In-house hardware: Full control for development, testing, and upgrades
- Dedicated RF link: Global compliance with suitable range for USA, Med, and worldwide
- Easy install: Tender system fits in a cupboard; mothership system is portable with no console/bridge mods. User configurable alarms on key parameters
- AIS-independent: Simplifies installation and operation.
- Expandable: Future battery monitoring can integrate with existing hardware
- Quick setup: 2-3 hours vs. 1.5-2 days for competitors, reducing costs, complexity, and issues

EASE OF INSTALL

- Wireless sensors
- Dedicated RF link from tender to Mothership
- No need to set up on tender before starting monitoring
- User configurable alarms on key parameters
- Anti theft features

PHYSICAL ENVIRONMENT

- Bilge Sensor – 80mm x 80mm x 60mm + Bilge Switch
- Yacht Bridge Display– 270mm x 246mm x 124mm (Peli® 1200 case)
- Yacht Mast Unit– 120mm x 120mm x 70mm
- Tender/Chase Hub Unit – 120mm x 120mm x 70mm
- Bilge Sensor Weight – 380g
- Yacht Bridge Display Weight– 2kg
- Yacht Mast Unit – 340g
- Tender/Chase Hub Unit 340g
- Operating Temperature of Mast and Hub Units -25°C to 75 °C
- Operating temperature of Bridge Display 0°C to 40°C

ELECTRICAL POWER

- BilgeSensor – 2 x AA batteries
- Yacht Bridge Display– 12/24V <250mA
- Yacht Mast Unit– 12/24V<100mA
- Tender/Chase Hub Unit – 12/24V<250mA

POWER CONNECTIONS

- Yacht Bridge Display 230/110V Type C
- Mast Unit M12 x 5 IP67
- Hub Unit M12 x 5 IP67

COMMUNICATION

- Wireless IEEE 802.15.4 communication between sensors and hub unit on tender*
- Dedicated RF link between Hub Unit and Mast Unit. 1 nm > Range < 10nm**
- Wi-Fi 802.11 b/g/n communication between Mast Unit and the Bridge Display
- Satellite tracking option

YACHT BRIDGE DISPLAY (MOUNTED Peli® 1200 case)

- 4.3" TFT
- Capacitive touch screen.
- 480 x 272 px

Monitored/Alarmed Parameters of Tender/Chase boat

- Distance (relative to mothership)
- Bilge Level(s)
- Battery Voltage (multiple batteries)
- Yaw
- Pitch
- Roll

* Wired version for carbon and aluminum boats

** optimal conditions for 10nm