



Connect. Link. Inform.

CONCEPT

BEHIND THE SCENES OF ASW DOMOTIC

Amare Group



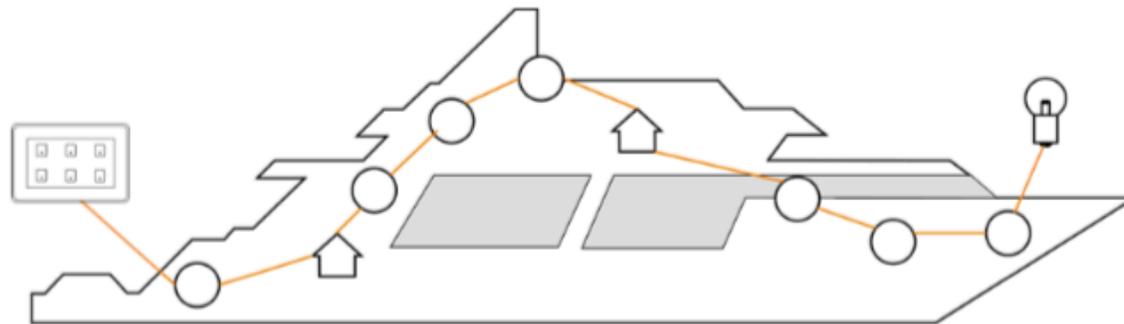
- Established in 2013 the Amare Group is an Italian design and manufacturing company specializing in Steel and Glass processing services – working with manufactures of mechanical products and kinematics in the luxury boats industry.
- Amare Group stands out for its strong attention to detail and is known as one of the top innovators in the marine industry.
- Amare's technical research has been a foundation in strenghtening its onboard wireless communication.
- The ASW Domotic System defines a whole new concept of connected boating- powered by sensor-equipped system. This unique integrated system provides new levels of comfort, convenience and safety.

CONCEPT

THE IDEA – ASW Domotic

TECHNICALS

All the ASW devices are composed of a variety of small components that can be installed and hidden in strategic areas of the boat. The system is designed and developed to mitigate the bulkhead barriers and to communicate via a Mesh System that allows to create an independent ASW network on-board.



MARKET

PRODUCT OVERVIEW – ASW Domotic

FOCUS

- **SMART**
- **EASY**
- **EVERYONE**
- **LOW-COST**
- **UNIQUE**
- **SUSTAINABLE**
- **FLEXIBLE**

No wiring needed thanks to our Wireless Mesh Technology

Amare private Protocol Hardware Monitoring

Custom made for all boats, steel, composite and GPR

Higher performance with a Low Investment

ASW is the first to successfully pass RINA tests for its category

Low battery drainage, recyclable components

Easy smart configuration allows to reduce installation time and costs



MARKET

PRODUCT OVERVIEW – ASW Domotic

FOCUS

- The ASW SENSOR from Amare is part of a wider concept of an “integrated on-board network”. Our ‘Wireless Network’ is designed to allow multiple communications via intelligent monitoring sensors.
- The “intelligent” communication takes place locally, in real time, without the raw data being sent to a central PLC, processed and then executed.
- “ASW Smart Sensors” reduce the raw data processing load on the controllers, thus avoiding bottlenecks and slow data transmission that can occur through a typical centralized control hierarchy .



MARKET

PRODUCT OVERVIEW – ASW Domotic

VALUE

- No wires required
- Amare Unique Protocol: Hardware Monitoring On-Off switching without cables
- ASW is compatible with NAVIOP and other gangway monitoring systems
- Portholes monitoring
- Lights control
- Climate control
- Tank level monitoring
- Fast and efficient installation
- Easy maintenance
- Remote assistance
- Discover many other features

LOW
battery drainage





Find a suitable and ideal
Network Monitoring Solution
with ASW Domotic

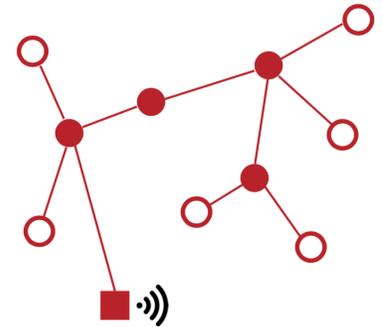


MARKET

PRODUCT OVERVIEW– ASW Domotic

BENEFIT

- ASW Sensors define the Innovative concept of "Distributed Intelligence». Unlike conventional sensors available on the market today, Amare Sensors, in addition to detecting system states (open-closed), are able to make decisions thanks to their coordinated calculation capacity.
- With ASW Domotic there is no longer a need for a "central" unit system with a supervision function (as it happens in all "alarm" systems on the market today), since it is the sensor that decides on its own (based on a series of checks), if and how to better send and communicate the collected informations.
- Each sensor is responsible for re-transmitting informations from other sensors and putting them on the network.



MARKET

TARGET

INSTALLATION

- RETROFIT
- EXISTING MODEL
- NEW MODEL

INTEGRATION

- MODBUS
- ASW DISPLAY AVAILABLE
- INTEGRATED ON-BOARD SYSTEM



DESIGN

DESIGN – ASW Domotic

UNIQUE

Integrated eco-friendly design and sustainable materials





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