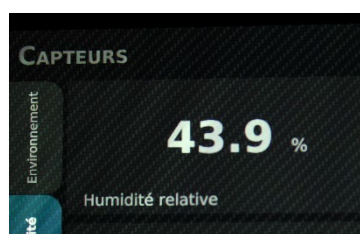


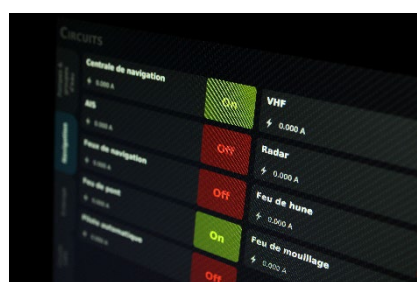
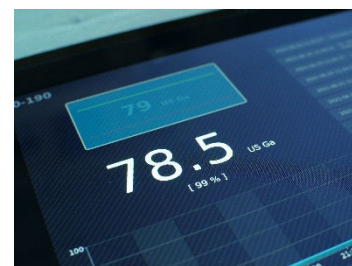
Features and key points

ShipBase is the central element of the ShipHeart™ system.



Its integrated functions provide information on **the ship's general environment**: ambient temperature, atmospheric pressure, humidity, shocks, insulation faults, geolocation, satellite time...

It is also designed to accommodate **all the usual sensors found on pleasure boats**: tank level probes (water, black water, fuel) of all types, additional temperature sensors (engine compartment, pump, charger, inverter, etc.), sensors to detect the presence of water in the bilges, intrusion sensors or the voltage of the various battery banks.



Above all, it can control, protect and supervise **all on-board electrical circuits**, whether alternating current (AC) or direct current (DC), and the associated battery packs, whether 12 or 24V. To do this, it relies on three types of dedicated extension modules: ShipPower8DC (DC circuit command and control), ShipPower4AC (for AC circuits) and ShipBS (intelligent battery sensor). Just three references that enable it to adapt to all types of ship, whatever their size.

Equipment control is always **just a gesture away, whether on board or at a distance**. ShipBase integrates all modern means of communication: Wifi, Ethernet, USB, CAN, NMEA2000, DMX...

ShipBase's central position gives it the exclusive ability to provide, at last, **a complete and simple ship status**.

ShipBase is unrivalled on the market for its **ease of installation and configuration, which can be carried out in just a few minutes**, without the need for a PC, tools or specific training. Just give it a try!

Specifications

Front panel

Face	Recycled carbon fiber
Touch screen	10.1 inch - TFT - 800Cd/m ² - TFT - 800Cd/m ² - TFT - 800Cd/m ² - TFT
Equipment	3 USB ports - RGB LED

Level sensors

Number of entries	8
Sensor type	240-33Ω, 0 -190Ω, 0-500 Ω, 0-10V, 4-20mA
Connections	3-point plug-in terminal block
Conductor cross-section	0.13-3.31mm ² (AWG26-12)

Auxiliary inputs

Number of entries	32
Supported contact types	Ground contact, even in the presence of water
Connections	5-point plug-in terminal block
Conductor cross-section	0.13-3.31mm ² (AWG26-12)

Voltage measurements

Number of entries	4
Permissible voltage	9 - 32VDC
Precision	0.1%
Connections	6-point plug-in terminal block
Conductor cross-section	0.13-3.31mm ² (AWG26-12)

Temperature sensors

Number of One Wire ports	1
Number of sensors	32 max
Connections	4-point plug-in terminal block
Conductor cross-section	0.13-3.31mm ² (AWG26-12)

Wifi

Antenna [supplied]	External via SMA connector
Modes	2.4GHz and 5GHz (b/g/n/ac)

Geolocation

Antenna [supplied]	External via SMA connector
Networks	GPS, Galileo, Glonass, BeiDou

NMEA2000

Number of ports	1
Connections	Micro M12 male

K-Bus extension bus

Number of ports	1
Connections	RJ45
Number of modules	64 max.
Bus length	1200m max
Topology	Bus, by chaining modules
Addressing	Automatic (bus position)
Termination resistors	Fully automatic

Power supply

Supported voltage	9 to 32VDC
Reverse polarity	Electronic module protection
Consumption	4W (excluding USB charging)
Connections	2-point plug-in terminal block
Conductor cross-section	0.13-3.31mm ² (AWG26-12)

Environment

Operating temperature	-10°C to +70°C
Protection class	IP20

Mechanical engineering

Mechanical mass	Connected to 0V
Weight	1 340g
Front panel dimensions	360mm x 180mm
Fastening screws	6 x 3/3.5/4mm
Overall dimensions	390mm x 190mm x 48*mm (*) ≈100mm with cables

Interfaces

