

Evolight

The system is available in standard or custom configuration that can be personalized through optional kits according to single requirements.

Please contact our official dealer for your Country to choose the most suitable configuration for your project.

Naviop Evolight



EvoLight is the new Naviop revolution: a new product, fully scalable, to provide small size boats with a monitoring and control system that can be essential, reliable and cheap.



The Naviop Evolight system enables to integrate and monitor almost all on-board controls in only one display that can be flush mounted into the boat dashboard with no protruding bezel, buttons or knobs, giving the boat a modern and sophisticated character through an elegant and essential design.

Thanks to the easiness of installation and use and the high strength of a technology specifically designed for marine environment, Evolight is the best system to automate controls and safety on small boats, equipping them with one of the most modern and cutting edge solutions.

Its modern and nice-looking shapes can fit in whatever kind of dashboards in an elegant and harmonious way and thanks to its fully scalable technology the product has already proved to satisfy the needs of the most attentive and mixed customers.

Official Dealer:
ACSONMARINE S.r.l.
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The **standard version** is available in two different configurations*:

VERSION 1 -

- PAGE FLAP, TRIM, HELM ANGLE DATA (5 RESISTIVE DETECTORS NOT INCLUDED)
- PAGE LEVELS (UP TO MAX 4 LEVELS: 2 IN CANBUS AND 2 AT DISCRETE LEVELS FOR A MAX OF 3 DI FOR EACH DETECTOR) WITH RELATED ALARMS
- PAGE TENSIONS 12/24 VDC (FOR A MAX. OF 2 TENSIONS 0-32V MAX) WITH RELATED ALARMS
- PAGE ALARMS (4 CONFIGURABLE DIGITAL ALARMS PLUS THE ABOVE MENTIONED ONES)

VERSION 2 -

- PAGE TEMPERATURES MONITORING (up to max 2 temperatures)
- PAGE LEVELS (UP TO MAX 4 LEVELS: 2 ANALOGIC AND 2 AT DISCRETE LEVELS FOR A MAX OF 3 DI FOR EACH DETECTOR) WITH RELATED ALARMS
- PAGE TENSIONS 12/24 VDC (FOR A MAX. OF 2 TENSIONS 0-32V MAX) WITH RELATED ALARMS
- PAGE ALARMS (4 CONFIGURABLE DIGITAL ALARMS PLUS THE ABOVE MENTIONED ONES)

* The kits need the use of acquisition detectors which are not included.



The Naviop Evolight system is ready to be installed.

The levels linearization curves can be set in advance on the system or, alternatively, during the starting operations with few and simple tasks.



The Naviop Evolight standard kit is composed by:

- T-507-G high brightness 7" panel (IP67 front and IP 66 back with die-cast aluminium case), designed and approved for applications in marine environments, which differs for the very high brightness and mechanical strength, making it perfect in each sailing conditions. The brand-new generation touch screen function allows to input quick and precise commands.
- 10 mt ethernet backbone
- unit for the I/O management to be put into the main electrical panel

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Naviop Evolight è is fully scalable and capable of being modulated according to different requirements. It is possible to equip the system with the following optional kits, widening the real potentialities and monitoring all on-board devices and controls.

Engines (J1939) monitoring optional kit

(NVO-EVO-L-ENG) This optional kit enables to control engines (n° of crankshaft revolutions RPM, the oil pressure, water temperature and many more). The product is composed by wires for connection to engine electronic control unit with a 10mt backbone and a dedicated software page.



Shunt current monitoring optional kit

(NVO-EVO-L-TAS) The Shunt current optional kit can monitor the currents (batteries charged/uncharged). It is composed by an interface controller card 0-200mV, a connection canbus drop wire and a dedicated software page. The kit can read up to 4 currents through shunts (not included).

TVCC video camera monitoring optional kit (OverIP video camera not included)

(NVK-EVO-L-TVCC) This option enables to show one or more video cameras placed in whichever part of the boat, from cockpit to engine room. The kit is composed by a 10mt CAT.6 ethernet Patch cable and its dedicated software page. (OverIP video camera not included).



NMEA0183 navigation optional kit

(NVO-EVO-L-NAV) The Navigation optional kit enables to monitor some of the most important navigation data, just like compass, GPS, wind, depth, SOG etc... The product is composed by connection cables with a 10mt backbone and a dedicated software page.



RGB light control optional kit (RGB control unit not included)

(NVO-EVO-L-RGB) The RGB optional kit enables to choose lights colors creating different scenarios in whichever part of the boat. The product is composed by cables of connection to the RGB control unit and a dedicated software page. The RGB control unit is not included.



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Lights optional kit

(NVO-EVO-L-LIG) Through this Naviop Evolight option it is possible to manage all boat lights (stairs lights, cabin lights etc...). It is composed by a relay canbus interface controller card A-NA05, a connection canbus drop wire and a dedicated software page. It is possible to control up to 8 separate lights lines and each line can tolerate up to a max 8 Ampere load.



Weather data monitoring optional kit

(NVO-EVO-L-WEST) Through the weather control option it is possible to have a precise measure of pressure (mBar), Temperature (°C) and Relative Humidity (%RH) which are shown through graphs referred to the last 24h. The Kit is composed by a weather IP65 control unit, a 5mt serial line for the connection to the panel and a dedicated software page.



SMS alarms optional kit

(NVO-EVO-L-SMS) The optional SMS Alarm Kit is composed by a GPRS unit complete with a SIM holder, a 2,5mt antenna down lead and a 2mt serial line for the connection to the panel. The Kit enables to send SMS messages when given warning alarms are active or when given thresholds, that can be set in advance through the systems, are overtaken. The kit can be installed directly under the battery thanks to its low electrical consumption and guarantees a continuous surveillance of the boat also when no one is on board. The system requires a SIM card not included.

Remote optional Kit

(NVO-EVO-L-REM) Naviop allows wifi remote connection to the system through personal mobile phones (supporting iPhone, Blackberry, Android and others), Ipads, PCs or ground service centres. Using an internet connection via PC or mobile phone, you can access various tools, including CCTV cameras, SMS alarm messages and malfunction and alarm warnings. It is also possible to control all boat features, both in standard and in full optional version, such as air conditioning, refrigeration, lighting, audio and more, all from a distance.



**Images are purely as an indication and can be modified due to changes/upgrading of the system.