

PRODUCT BASIC INFORMATION

VMH 70 MARINE DISPLAY

Best Performances in Outdoor Environments



VMH 70

All your vessel data on a stylish VMH display

KEY FEATURES

- ▶ Veratron VMH premium instruments series
- ▶ 7" sun-readable IPS TFT touchscreen display
- ▶ Slim panel installation profile
- ▶ Mineral glass front lens
- ▶ Reliably operating in high-temperature environments
- ▶ IPX7 protection rating (exposed device)
- ▶ NMEA 2000® certified
- ▶ Fully configurable analog inputs for direct sensor connections with NMEA 2000 gateway
- ▶ Customizable startup screen
- ▶ Dual SAE J1939 CAN ports
- ▶ Easily customizable GUI screens

The best-in-class VMH 70 display is designed to manage large amounts of complex data, and thanks to its real-time operating system it ensures full control on vital engine information immediately after power up.

Easily configured to display information from up to four engines when connected to NMEA2000 or two engines via J1939 or analog inputs simultaneously, it has large possible setting. This allows users to group similar items such as single or dual engines, battery performance, fuel, water, waste, tank level, rudder and trim, onboard systems, navigation and weather, if desired.

The device has an integrated light sensor that adjusts for easy reading without eye strain, no matter how bright or dark the conditions, and two camera inputs allow to control the engine compartment during navigation and keep an eye on the main deck while maneuvering.

The embedded NMEA 2000® gateway brings all the sensor readings and alarms to your external multifunctional display, saving the cost of an additional converter.



Intelligent Battery Sensor (IBS) screen to keep your energy supplies under control



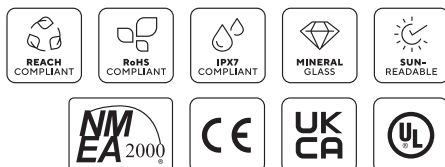
Lateral touch buttons are RGB illuminated and allow for a quick brightness adjustment



The VMH series look and feel gives an elegant and stylish touch to your dashboard



Customize your screens with more than 40 available data



ACCESSORIES AND SPARE PARTS

Sun cover*	B00134401
Panel mounting kit*	B00067201
Engine 1 power and data cable*	A2C1507870001
Engine 2 data cable*	A2C1992110001
EasyLink extension cable*	A2C59500139
Video cable 0.3 m	A2C1845710001
	A2C9624370001 - 0.5 m
NMEA 2000® drop cables	A2C9624380001 - 2 m
	A2C9624400001 - 6 m
VMH 14 satellite instrument	B00109901

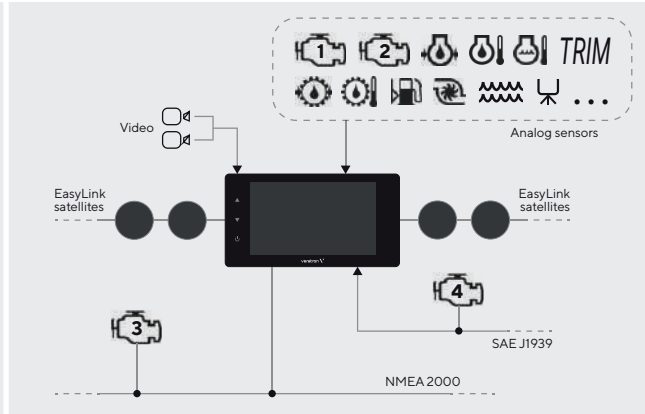
* included in the box



Thanks to the embedded analog to NMEA 2000® gateway every sensor reading is transmitted on the network

INPUTS

- ▶ 6 x resistive sensor inputs
- ▶ 2 x frequency inputs for RPM readings
- ▶ 3 x 0-5V sensor inputs
- ▶ 2 x 4-20mA sensor inputs
- ▶ 2 x SAE J1939 CAN ports
- ▶ 2 x EasyLink channels
- ▶ 2 x Composite video inputs



TECHNICAL DATA

Nominal voltage	12 / 24 V
Operating voltage	9 - 32 V
Current consumption	Max. 1.2 A @ 12 V with full backlight intensity ≤ 200 mA in standby mode
Display	7" IPS TFT display with multitouch screen Full 24 bit / 16 mio. colors 800x480 px resolution 800 cd/m2 intensity
Dimensions	WxH: 220 x 128 mm Profile height: 6 mm (with sealing)
Mounting	Front panel mount via mounting kit
Nominal position	NL 0° to NL 90° acc. to DIN 16257
Protection class	IPX7 acc. to IEC 60945 (exposed equipment) with plugged-in connectors or blind plugs
Housing	Aluminum case Mineral glass front lens
Connectors	2x Molex MX-150, 12 pins 1x DeviceNet M12, 5 pins (NMEA 2000) 2x TE SuperSeal 1.5, 3 pins (EasyLink) 1x M12, 4 pins (Video)
Flammability	V0 acc. to UL-94
Compliance	CE, UKCA, Reach, RoHS

ALL YOUR VESSEL DATA

✓ Engine data	✓ Transmission
✓ GPS information	✓ Wind data
✓ Battery status	✓ Tank levels
✓ Vessel Roll & Pitch	✓ Weather
✓ MediaBox Radio	✓ Trip and distance



Every place of the boat is under your control thanks to the dual video input

» THE PERFECT MATCH



ART. NR. B00109901

VMH 14

- ▶ VMH look-and-feel
- ▶ Digital display with visual bargraph
- ▶ Easylink interface
- ▶ Up to 16 satellites
- ▶ Configurable with your smartphone via Airlink
- ▶ Trim, Voltmeter, Fuel Level, Water Temperature, Transmission Oil Temp. and Pressure, Engine Oil Temp. and Pressure





OUTDOOR INSTRUMENTATION ENGINEERED IN SWITZERLAND



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