

PRODUCT BASIC INFORMATION

VMH35

Best Performances in Outdoor Environments





ART. NR. B00085501

VMH 35

Stylish black glass cockpit design / slim panel profile / powerful core

KEY FEATURES

- Stylish black-glass design with brushed stainless-steel ring
- New generation sun-readable color hybrid display
- ▼ Intelligent Battery Sensor (IBS) port
- ▼ Analog to NMEA 2000® gateway
- Integrated high-performance GNSS receiver
- ▼ NMEA 2000® certified

Designed with stylish mineral glass front lens framed by a brushed stainless-steel ring, it can display a wealth of critical boat system data in a compact package that's perfect for cockpits on smaller vessels with limited space.

The VMH 35 has an embedded GNSS receiver to support and show navigation information, while it is able to monitor analogue input directly, such as fuel, trim, and tachometer. A special input is dedicated to the Veratron IBS (Intelligent Battery Sensor). It can provide critical 12V battery monitoring information. All these data are distributed to NMEA 2000® thanks to its embedded certified gateway.



Setup local alarms and send them to other devices via NMEA 2000®



The finest quality in every detail



Water-sealed connector and NMEA 2000® DeviceNet plug

12 V

9-16 V IP X7

UL94 compliant

≤ 15 mA (normal mode)

≤ 120 µA (sleep mode)

1.44", 128 x 128 Pixel

Brushed stainless steel

Molex MX-150, 12 pins

DeviceNet M12, 5 pins

Mineral glass

2 silicon buttons

-20°C to 60°C -30°C to 80°C

Ø100 (Ø85 mm mounting) Ø83 mm (optically bonded display)

GPS DATA

Navigation system	GPS, GLONASS, Galileo			
Update rate	10 Hz			
Channels	72			
Tracking sensitivity	-165 dBm			
Time to first fix (hot start)	1 s			
Time to first fix (cold start)	30s			
Position accuracy	2.5 m			
Velocity accuracy	0.05 m/s			
Heading accuracy	0.3°			



in outdoor environments

Best performances

















Operating temperature

Storage temperature





TECHNICAL DATA

Operating voltage Voltage range

Protection class

Power consumption

Flammability

Dimensions

Active area Central display

Lens

Ring

Plugs

Buttons



The perfect device for outboard engines' monitoring

TFT DISPLAYED DATA

Freshwater Level	Fuel Consumption		
Wastewater Level	Fuel Level		
Rudder Angle	Coolant Temperature		
Гrim	Coolant Pressure		
GPS Position	Engine Oil Temperature		
Course Over Ground	Engine Oil Pressure		
Engine Speed (RPM)	Boost Pressure		
eawater Temperature	Ammeter		
epth	Battery Voltage		
lock	Battery State of Charge		
lour Counter (Total+Trip)	Battery State of Health		
rip Distance	Battery Autonomy		
otal Fuel Used	Battery Temperature		

ADDITIONAL DISPLAYED DATA				
✓ Engine Speed	√ Gear position			
✓ Boat Speed (SOG or STW)	√ 6x Alarm telltales			



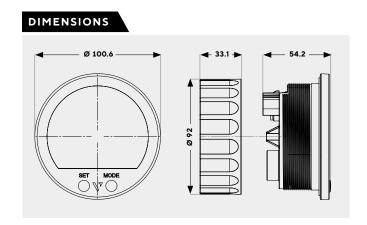












NMEA PGNS

GPS Almanac Data	126992	Engine Parameters, Dynamic	127489	Battery Status	127508
Rudder	127245	Fluid Level	127505	COG & SOG, Rapid Update	129026
Engine Parameters, Rapid Update	127488	DC Detailed Status	127506	GNSS Position Data	129029

KIT

Outboard Engine Kit (incl. VMH35 Display, IBS 12 V 250 A/h with battery adapter, wire harness 6 m with connectors for level sensor and IBS and bullets terminals for tachometer trim and powersupply)

B00062402

» STYLISH DESIGN AND POWERFUL CORE



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



Veratron AG / Industriestrasse 18 / 9464 Rüthi / Switzerland T +41 71 7679 111 / info@veratron.com / veratron.com

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