

High Water

Wireless High Water Sensors instantly notifies you in case of high water in the bilges.

Low Battery

Monitor your battery and be notified when the batteries are low.

Intrusion

Motion, Door/Latch sensors, and loud siren keep intruders away from your boat 24/7.

Geo-Fence

Always be sure your boat is right there where you left it.

Remote-Control

Track, control, meter energy consumption of any device with a smart metering plug.

NMEA 2000 Integration

Allows monitoring of engines, tanks, batteries and more.

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vanemar
The Ultimate Boat Monitoring



Meet Vanemar

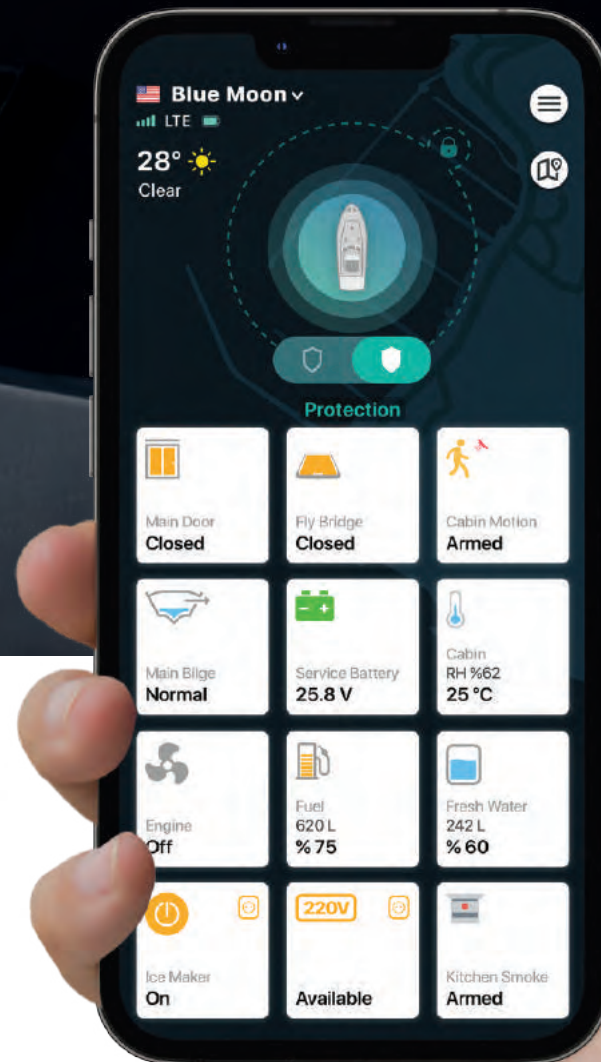
The Ultimate Boat Monitoring and Control

Vanemar offers an easy and intuitive way to monitor your boat remotely. With world-class design and technology, you will never have to worry about your boat's status anymore.

 Tamper Proof

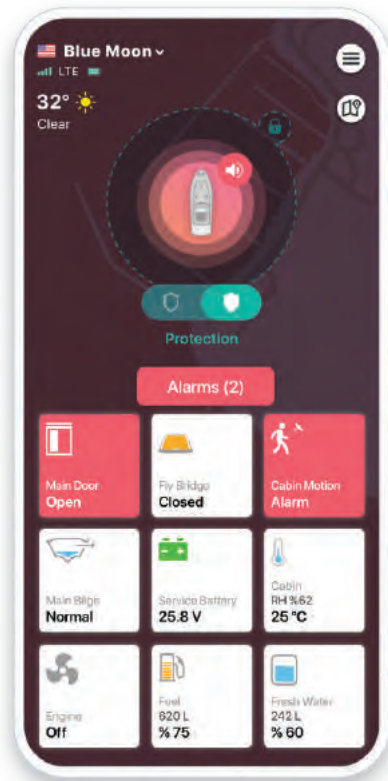
 Easy Setup

 Remote Access



Know what's happening in your boat

Track water-level in bilges, unauthorized entry, battery voltage and more with easy to install wireless sensors with up-to 2 years of battery life.



Instant Notifications

Instantly get notified with mobile app, email, sms and automated phone calls.



Continuous Access

Stay connected with integrated sim card. Wherever you are.



Automated Phone Calls

Never miss an alarm due to a silent notification. Receive automated phone calls in case of an alarm.

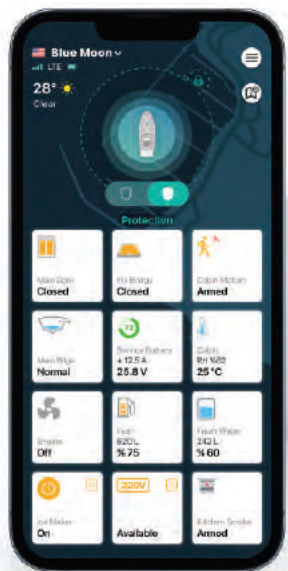


Wireless Long Battery Life

Low-power connection technology of sensors provides up to 2 years of battery life.

*Some features require an active Vanemar Connect™ subscription plan.





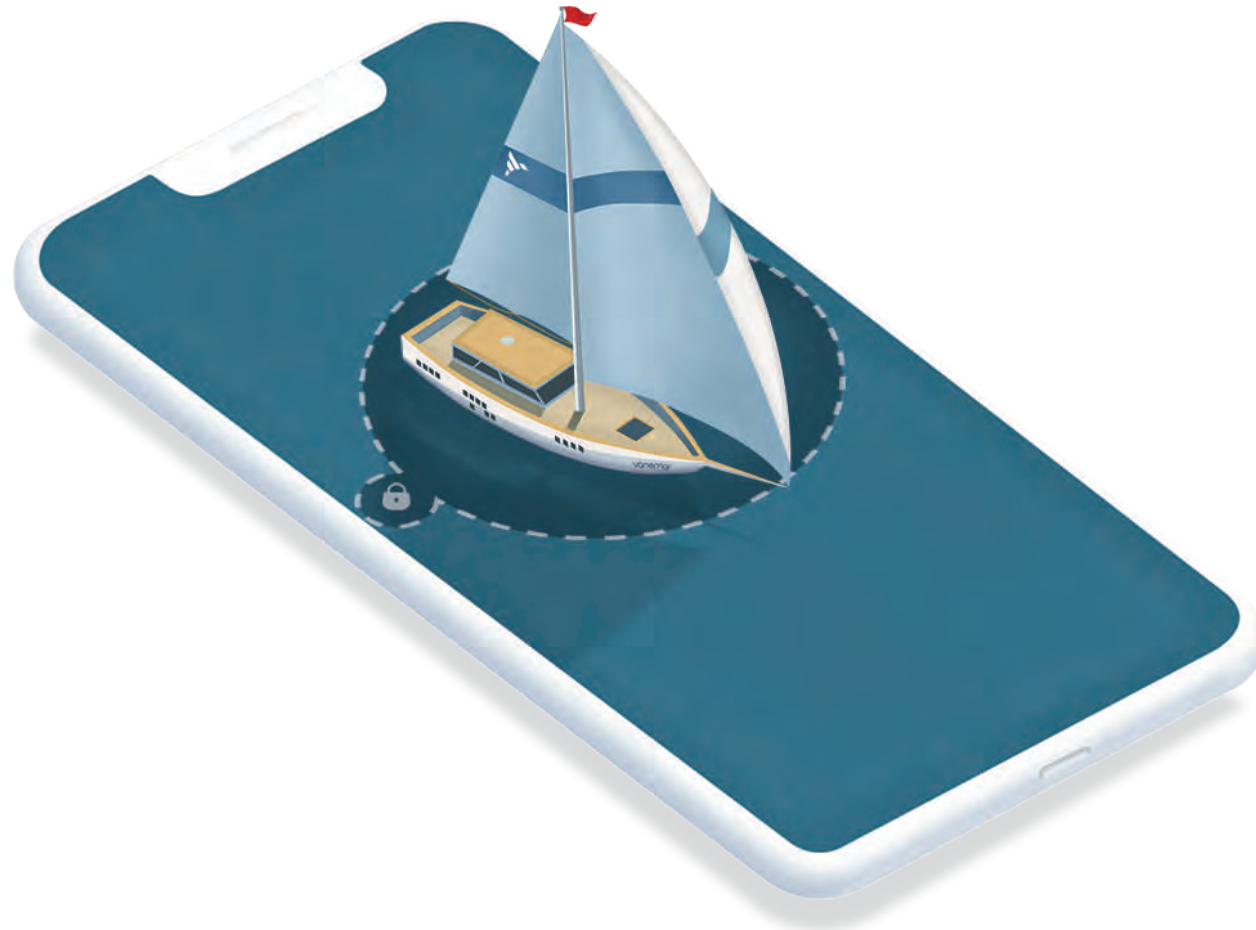
Build your system

Design your set-up for your needs with up to 20 sensors from the wide range of wireless, easy-to-install sensors.

Boat monitoring system

Always stay in the know about what's happening on your boat. From battery voltages to water levels in the bilges.





Take Control of Your Boat

Monitor and control your boat anytime, anywhere.



Arm/Disarm the System

You can always arm/disarm the system.

Use the "Protection" when you are away and "Onboard" mode when you are onboard.



Multiple Boats & Multiple Users

Monitor all of your boats at once. Also, share access to your captain, staff, family with no additional costs.




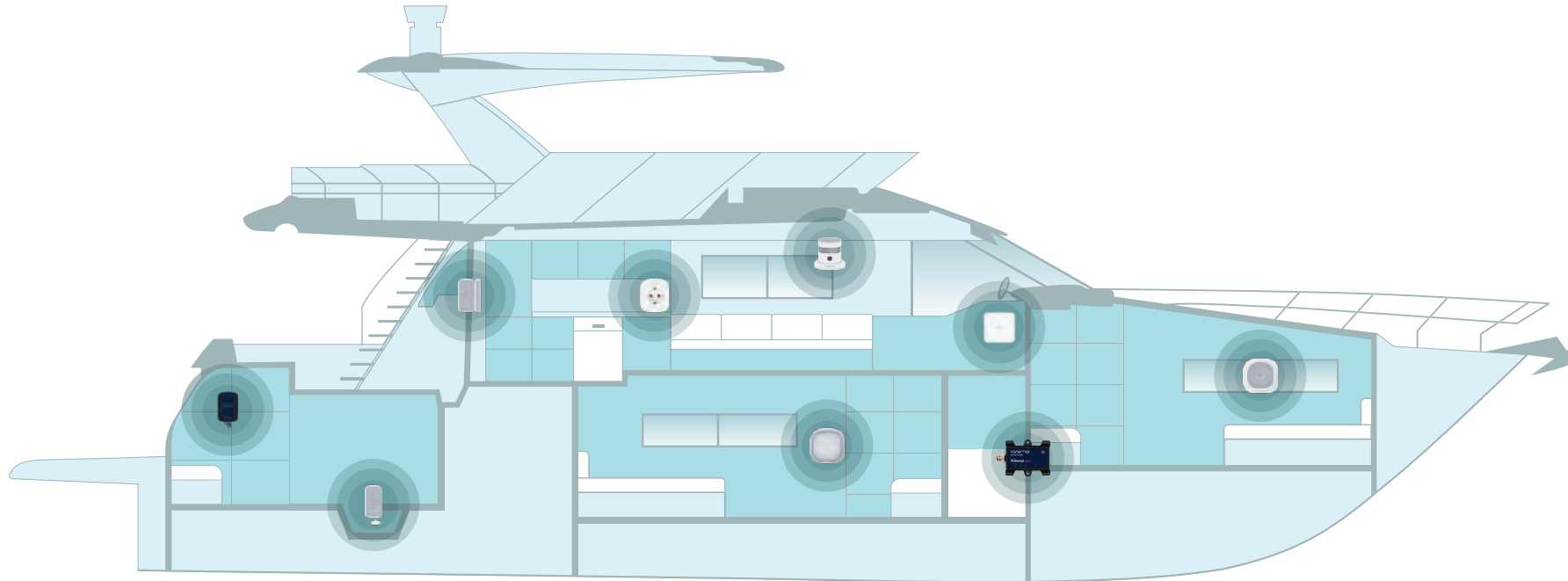
Remote Control

Remotely turn On/Off any device with smart plugs. Turn the heating and get your coffee ready before you arrive.


*Some features require an active Vanemar Connect™ subscription plan.

Everything works together to inform you


Vanemar lets you take control of your boat even when you are away. Build your system with easy to install wireless sensors without dealing with wiring and drilling.




Main Bilge
Normal




Service Battery
14.2 V




Engine Room
RH % 45
23 °C





Cabin Motion
Active





Main Entry
Closed




Kitchen Smoke
Active




Ice Maker - Plug
On



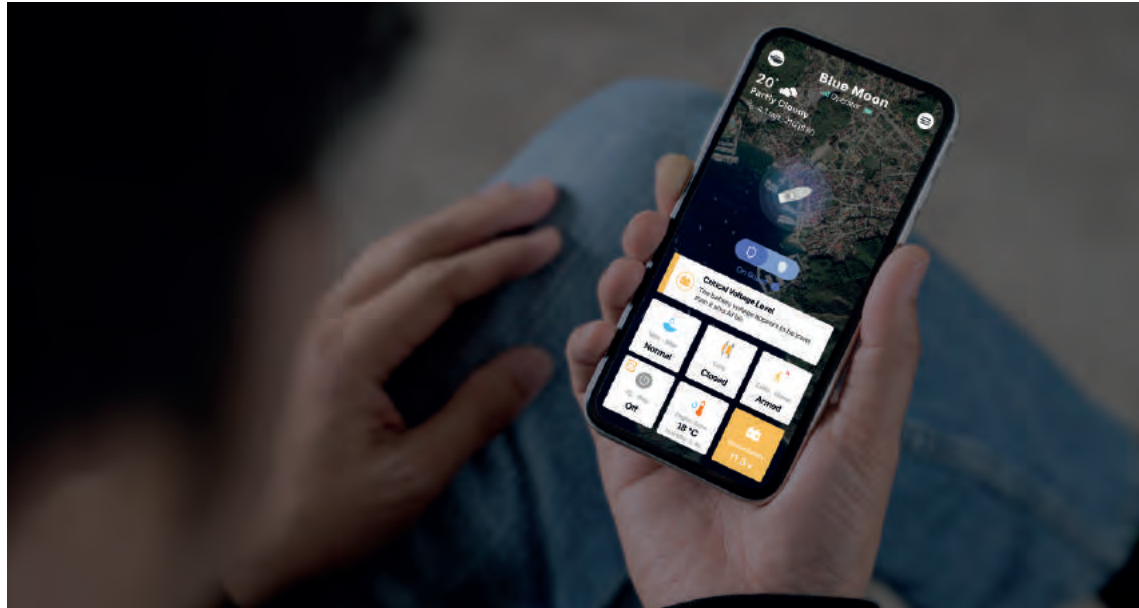
220 V
Available



Engine
Off



Fuel
620 L
% 75



Vanemar Connect™

Monitor your boat remotely with integrated global GSM connectivity, get instant notifications, receive emergency phone calls, and more.

**Sold seperately.*



Remote Access & Control



Instant Notifications



Automated Phone Calls

Never miss an alarm due to a silent notification. Receive automated phone calls in case of an alarm.

Integrated global sim

Stay connected, wherever you are.

Do not deal with tricky marine wi-fi networks with integrated global coverage cellular backup.



Integrated SIM

140 Countries
*No additional costs



13.8 V

Today 10:30

Data History

Browse, analyze and get insights about your data. Get a clear vision of what's happening in your boat.



NMEA2000: Enhanced Monitoring and Control

Integrate NMEA-compatible devices to Vanemar with easy to install wireless NMEA2000 adapter. Track engine parameters, tank levels, battery status, and control digital switches remotely.



Tank Levels

Monitor engine hours, rpms, fuel rates, and all engine related parameters.



Tank Levels

Track fuel, fresh water, black water and grey water tanks.



Digital Switches

Track battery voltages, state of charge, amperage, time remaining and more.



Digital Switches

Control digital switches remotely



Products



Vanemar Gateway

Communicates with wireless sensors, tracks boat's location, sounds alarm if needed.



Smart Plug & Power Sensor

Remote control & power detection



Water Leakage Sensor

Detects high water in bilges



Smoke Detector

Detects smoke and alerts with loud siren



Entry Sensor

Keeps track of doors, windows and drawers



Temperature & Humidity Sensor

Detects freezing, overheat and high humidity



Motion Sensor

Detects motion and intrusion



Battery Sensor

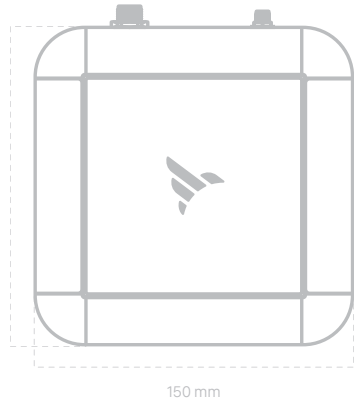
Battery voltage monitoring and low battery alerts



NMEA2000 Adapter

Allows monitoring of engines, tanks, batteries and more.

Vanemar Gateway

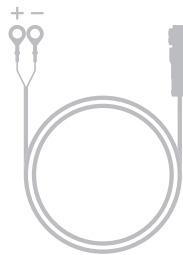


VGT0204

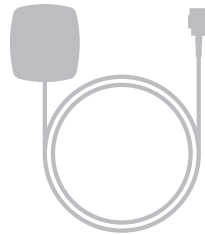
Power Input	12/24 DC, Waterproof Circular Connector
Backup Battery	3000 mAh Lithium-ion battery (Up to 8 hours)
Power Consumption	<100mA Idle / ~400mA Gps Tracking @12V
Wi-Fi	2.4 GHZ, IEEE 802.11 b/g/n
Bluetooth	Bluetooth 4.2
Zigbee	Zigbee 3.0
Accelerometer	3 Axis, Up to 8g
Tamper	Proximity Sensor
SIM	Internal Global Simcard
Cellular	Quadband UMTS/HSDPA/HSPA+/LTE
GNSS	GPS/GLONASS/Beidou
Sound Output	~85db Audible Alarm
Operational Temperature	-10°C ~ +60°C
Antennas	External GPS / Inner LTE
Gateway Dimensions	150 X 150 X 40 mm



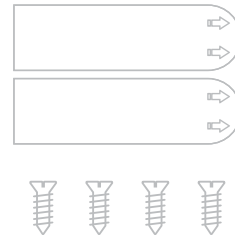
Installation Accessories



Power Cable

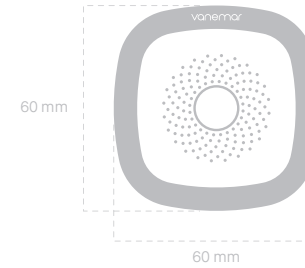


GPS Antenna



Mounting tapes & Screws

Temperature & Humidity Sensor

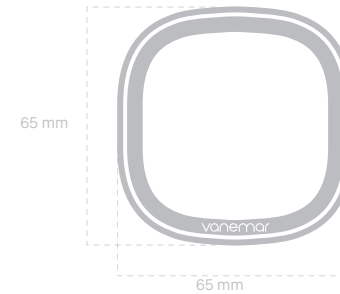


VS1THS

Working Voltage	DC3V (1 × CR2450 button battery)
Standby Current	≤ 10uA
Networking	ZigBee Ad-Hoc networking
Working Enviroment	-15 °C ~ +60 °C
Working Humidity	≤95%RH
Outline Dimension	60 X 60 X 20.8 mm
FCC Id	2AK7XHS1HT



Motion Sensor

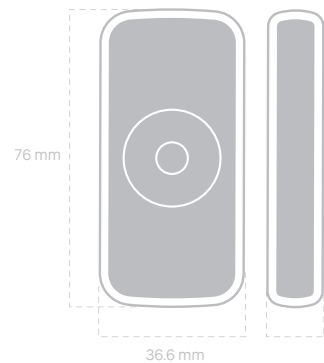


VS1MS

Working Voltage	DC3V (1 × CR123A lithium battery)
Standby Current	≤ 15uA
Alarm Current	≤ 30mA
Detecting Angle	90 degree
Installation Height	2.1 m
Detecting Distance	9-12 m
Networking	ZigBee HA 1.2
Working Environment	-10 °C ~ +50 °C
Working Humidity	≤95%RH
Outline Dimension	65 X 65 X 28.5 mm
FCC Id	2AK7XHS1MS



Entry Sensor

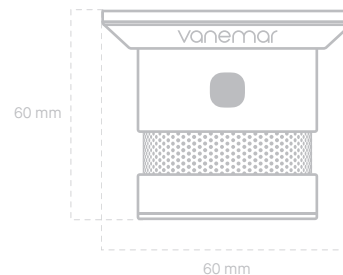


VS1ES

Working Voltage	DC3V (2 × AAA batteries)
Standby Current	≤ 5uA
Alarm Current	≤ 30mA
Detection Distance	> 15mm
Networking	ZigBee Ad-Hoc networking
Working Environment	-10 °C ~ +50 °C
Working Humidity	≤ 95%RH
Sensor Body Size	76 X 36.6 X 16.5 mm
Magnetic Size	76 X 13.9 X 16.5 mm
FCC Id	2AK7XHS1DS

CE FC RoHS

Smoke Detector

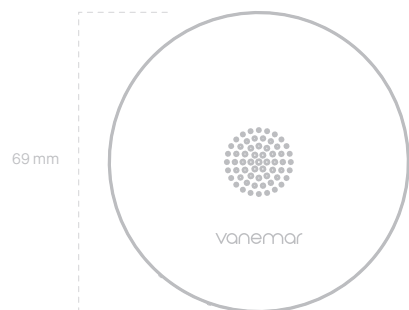


VS1SD

Working Voltage	DC3V(CR17335 / CR123A Lithium Battery)
Distance Of Ad-Hoc Network	≤70m(open area)
Alarm Indication	Red LED
Sound Level	≥85dB/3m
Networking Way	Zigbee Ad-Hoc Networking
Working Temperature	-10 °C ~ +50 °C
Working Humidity	≤95%RH
Dimension	60 X 60 X 49.2mm
FCC Id	2AK7XHS1SAZ

CE FC RoHS

Water Leakage Sensor

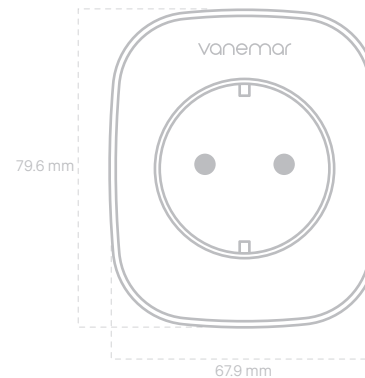


VS2WS

Working Voltage	DC3V (CR17335 or CR123A)
Alarm indication	Red LED indicator
Alarm sound:	>75dB(at 1m straight ahead)
Networking	Zigbee
Networking distance	≤100m(open environment)
Working temperature	0°C~50°C
Working humidity	≤95%RH (no condensation)
Battery life	2 years(Battery life varies depending on actual use)
Dimensions	69.0mm*H27.6mm 69.0mm*H27.6mm
Waterproof level:	IP67

CE FC RoHS

Smart Plug & Power Sensor

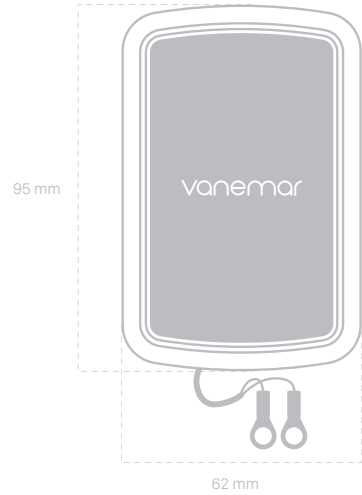


VS2SP-EU

Working Voltage	AC1 00V ~ 240V (full voltage range)
Average Power Consumption	<0.5W
Maximum Load	3000W
Metering Voltage Range	100VAC - 240VAC
Metering Current Range	<16A
Metering Power Range	<3000W
Networking	ZigBee Ad-Hoc Networking
Working Environment	-10 °C ~ +50 °C
Working Humidity	≤95%RH
Dimension	79.6 X 67.9 X 72 mm

CE FC RoHS

Battery Sensor

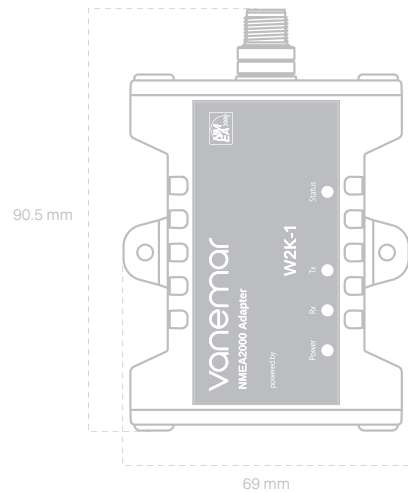


VS1BS

Working Voltage	DC3V (2 × AAA batteries)
Transmit Current	40 mA @ 8 dBm, 135 mA @ 19 dBm
Receive Current	17 mA
Power-down Current	2 Micro Amp @ 25° C (77° F)
Networking	ZigBee Ad-Hoc networking
Working Enviroment	-15 °C ~ +60 °C
Working Humidity	~95%RH
Outline Dimension	95 X 62 X 22 mm
FCC Id	MCQ-XBEE3

CE FC RoHS

NMEA2000 Adapter



VNMEA2K1

Supply Voltage (NMEA 2000 Port)	9 to 30V DC
Supply Current (NMEA 2000 Port)	70mA (avg.) @ 12V DC
Compatibility	IEEE 802.11 b/g/n
Frequency Band	2.4GHz ~ 2.5GHz
Max Output power	20 dBm
Antenna	Integrated internal antenna
Range (Open space)	30 meters
Security	WPA / WPA2
RF Module certification	FCC / CE-RED / IC / TELEC / KCC / SRRC / NCC
EMC	EN 301489-1 V2.2.0:2017, EN301489-17 V3.2.0:2017, FCC part 15b, ICES-003, ANSI C63.4:2014, Class B
Radio	EN 300 328
NMEA 2000 Connector	M12 Male (A polarised) connector moulded into case
Weight	80g

CE FC RoHS



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