



ViaTRAX Boat Command VMS Installation Guide

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Boat Command VMS

Installation Guide

Location:

Install the Boat Command VMS so that it has a clear view of the sky.

Install the Boat Command VMS so the top of the unit is not obstructed by any large metallic objects. Materials such as metal can interfere with GPS and cellular signal transmissions.

Install the Boat Command VMS so that you can observe the LED Status Indicators on the top of the unit.

Install the Boat Command VMS in a dry area, away from the elements. Boat Command VMS has protection from moisture and dust (IP66).

Mount the Boat Command VMS using the screw holes on the sides.

Note: Record key code from the bottom of the unit before attaching to vessel.

Harness Connections, VMS:

Boat Command VMS Functionality	
Vessel Ground	Black
Vessel Battery (12v or 24v)	Red

Connect the Red Wire to the main battery (12v or 24v DC) or an un-switched power source on the vessel.

Connect the Black Wire to the negative side of the battery or the vessel ground.

Harness Connections, Optional Functionality:

Optional Functionality	
Hydraulic sensor (NO to ground)	Orange
Bilge pump sensor	Blue
Shore power (requires optional adapter)	White

If a normally open (NO) Hydraulic Sensor is to be monitored, connect the Orange Wire to the NO switch and connect the other side of the NO switch to the vessel ground.

If a bilge pump is to be monitored, connect the Blue Wire to the positive side of the pump.

If shore power is to be monitored, connect the White Wire to the Viatrac Shore Power Sensor and follow the Shore Power installation instructions.

LED Status Indicators:

The LED indicators are located on the top of the unit near the harness.

The tables below identify the meaning of the blinking sequence for diagnostic purposes.




Cellular Signal – Amber	
Off	Modem off
Blinking	Searching
Solid (on)	Connected

GPS Signal – Green	
Off	GPS off
Blinking	Searching
Solid (on)	Connected



Documents / Resources

	<p>ViaTRAX Boat Command VMS [pdf] Installation Guide Boat Command VMS, Boat, Command VMS, Boat VMS, VMS</p>
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References

-  [Remote Asset Tracking by Viatrax - Viatrax Automation](#)

Manuals+.