

# Communicate anywhere™

## 750VMS DB

The Faria WatchDog<sup>®</sup> 750VMS DB is a cost effective messaging, e-mail and forms reporting solution. Built to meet the demanding requirements of the commercial fishing industry.



**A powerful dual mode GSM/GPRS and Iridium<sup>®</sup> satellite MTU (Mobile Transmitting Unit). The Faria WatchDog<sup>®</sup> 750VMS DB (dual Band) is designed to meet the US National Marine Fisheries Service's near real-time position reporting requirements.**

### Key Features

- The Faria WatchDog<sup>®</sup> 750VMS DB is designed to be installed on any size of vessel.
- 9-16 volt DC operation. This system harness provides wiring for the optional back-up battery and a connector for the Faria VTERM™ display.
- The WatchDog 750VMS comes as a complete kit including MTU, all connectors and harnesses, GPS, GSM and Iridium<sup>®</sup> antennas with mounts, 28 foot antenna cable (LMR240) and a 2 inch user interface.
- Keep in touch with daily status and position reports with mapping, position history, message logs and low system voltage alarms via a secured log-in on [www.vmstracking.com](http://www.vmstracking.com)
- Forms can be updated over the air to the Faria WatchDog<sup>®</sup> 750VMS DB.
- U-blox 16 Channel GPS for highly accurate positioning.
- Sony/Ericsson (Wavecom) GR64 GSM Module.
- "Plug & Play" Weather resistant Deutsch Connectors for Power cables and VTERM™ connections.
- Low Power Draw - Power Conditioning, Reverse polarity and re-settable internal fuse.
- Compact, Ruggedized injected molded case. IP-64 Rated.
- Easy connection to the antennas makes installation simple.
- Satellite Modem Powered by Quake Global.

## 750VMS DB

### Features

U-blox 16 Channel GPS for highly accurate positioning

Sony/Ericsson (Wavecom) GR64 GSM Module

Iridium Satellite Modem Powered by Quake

Low Power Draw - .18 amp/hour

- On-board power conditioning
- Reverse polarity protected
- Re-settable internal Fuse

Interface - Weather resistant Deutsch, DT Series connectors for power cables.

Compact, rugged injection molded case. IP-66 Rated

4 MB (upgradeable) of on-board compact flash RAM for GPS position logging and storage (60,000 capacity)

### Specifications

MQX operating system

4 Integral holes for mounting, hardware included

Voltage: 12 + 24V ready, (9.5 - 36 VDC power)

Operating temperature of -20 to +85°C

Storage Temperature -40 to +85°C

Humidity: 90% RH at 29°C for 24 hours

Shock Resistant per MIL-STD-202, 50G

Vibration Resistant per SAE J1455

Water and Weather Resistant IP-64

Corrosion Resistant per ASTM-B117-73, 48 Hr



## Range of accessories

### Faria VTERM™

- 7-inch WVGA TFT color display with an integrated touch-screen. Use the display for text messaging, forms reporting and e-mail.

### 2-inch User Interface

- Displays system status, when unit detects a GPS fix and an open communication channel. Can send emergency notifications.

Dealer information:

For further information about FARIA Watchdog®

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