

Communicate anywhere™

750CM DB

The Faria WatchDog[®] 750CM DB is a powerful dual band, GSM and Iridium Satellite, tracking, navigation, monitoring, communication and emergency notification system which supports e-mail, internet, forms reporting and mapping.



A The WatchDog™ is a rugged, weather resistant MTU, (Mobile Transmitting Unit), with very low-power draw, providing near real-time secure position and status reports anywhere in the world. Report frequency is user selectable and changeable on-the-fly from once per minute to once per day, (OTA).

The Faria WatchDog™ 750CM-DB provides cost effective text messaging, e-mail and forms reporting via the optional Faria VTERM™.

The WatchDog MTU is designed to meet the demanding requirements of SAE J-1455 "Recommended Environmental Practices for Electronic Equipment Design in Heavy-Duty Vehicle Applications".

Key Features

- 9-32 volts DC operation with built-in power management programming to ensure low power consumption.
- Three inputs to monitor your vehicle's battery, tank levels, intrusion systems, etc.
- Reports low battery, entry violations, Geo-fence violations, emergency conditions, check engine notifications when broadcast by ECU to www.watchdogtracking.com for action.
- On-board J1939 CAN interface to monitor the engine and report diagnostic codes. J-1939 PGNs can be dynamically downloaded from your web site.
- 4 MB of on-board RAM for data logging of engine monitoring data and/or high frequency GPS reporting.
- Provides daily status and position reports with mapping, position history, message logs, via a secured log-in on www.watchdogtracking.com.
- A state-of-the-art Iridium[®] satellite and GSM cellular wireless vehicle tracking system that provides an end-to-end solution that empowers you to manage your entire fleet or a single vehicle near real-time anywhere in the world via an easy to use, web-based application.

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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®

Telephone 1300 859 632

Facsimile 1800 303 701

E-Mail support@satcomms.com.au

