

## Applications

Prime Power  
Standby Generators  
Uninterruptible Power  
Supplies  
Battery Power Systems  
Fuel Cells  
Power Converters  
Peak Shaving / Load  
Reduction  
Utility Load Control

## Networks

AT&T Mobility  
Iridium  
Local Area Network  
(Ethernet)

## Specifications

Size: 6.0" x 4.5" x 2.5"  
Power Input: 8-36 VDC  
100 mA max  
Weight: 2.5 pounds  
Attaches: Magnetic Feet  
RF Power Output: 3 watts\*  
Battery: 12V Lead Acid  
Antenna: 3db Mag Mount  
Inputs: 8  
Outputs: 2  
Temp: -20 F to +120 F  
FCC: Part 90 and Part 15

\* Network Dependent

**OmniMetrix  
changes  
everything!**

The OmniMetrix G8500 series monitor is the most popular wireless engine monitor available. Its compact size and ease of wiring provides versatility for a wide variety of engine monitoring applications in the electric power, transportation, telecommunications, and industrial automation industries. The system can also be enhanced with GPS locating services.

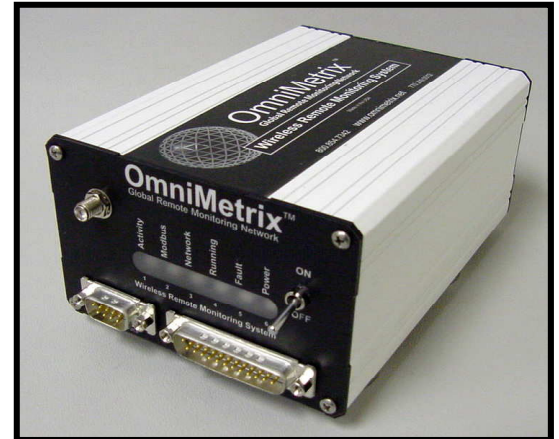
This compact system has been designed to leverage national and international wireless data networks for remote monitoring. Standard industry software and database tools are used to deliver alarms and other event information via the Internet.

The system delivers alarms to cell phones and PDA's supporting alphanumeric text. The system also delivers real-time streaming data for advanced telemetry and control applications through packet-based IP wireless networks. It supports serial data communications and Modbus protocol.

The OmniMetrix G8500 is typically used to monitor inputs such as engine run/stop, accumulated run times, fluid levels, fault conditions, and exercise intervals.

Upon detection of critical events, the G8500 monitor delivers the specific information to designated recipients, via e-mail and web display. The system is fast, reliable and does not require complicated set-up or purchase of custom software. The list of recipients of information is unlimited in number and allows for rapid response to service problems.

The process of installation and activation of monitoring services is fast and simple. All installation is supported through OmniMetrix customer support Help Desk.



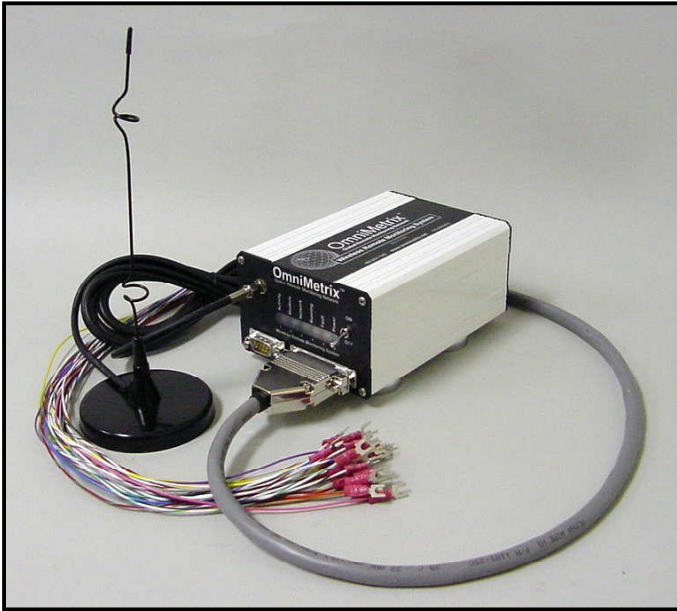
## Features

- Wireless or LAN Connection
- Web Enabled
- Global Wireless Footprint
- Modbus Compatible
- Compact Form Factor
- Remotely Programmable
- Communication Ready
- Multiple Wireless Networks
- Remote Control Option
- GPS Locator Option
- Easy Mount on Generator Panels
- Battery Backup Included
- Secure Interactive Website
- Event Logging and Archival
- E-mail and Text Notification

## Benefits

- Interactive Website
- Economical
- Leverages National Wireless Networks
- Small & Compact
- Easy to Install
- No Custom Software
- Real-Time Notifications
- No Phone Lines
- Global Access
- User Definable Alarms
- Multiple Alarm Recipients

# G8500 Series



**G8500 Cellular**

This series monitor comes standard with discrete alarm inputs, relay outputs, analog inputs, and remote control capabilities. The unit is packaged in an aluminum housing (5.7"x 4.5"x 2.5") with magnetic supports, weighs approximately 2.5 lbs, and is powered by an 8-30 VDC supply.

It includes all electronics, 2-way transceiver, magnetically mounted antenna, and a 12 Volt 1.2 AH rechargeable lead acid battery.

**GPS Locator Option**

- GPS locator hardware with magnetically mounted antenna, cable, and DB9 connector. Item Number – 100



**G8500 LAN**

The G8500 LAN connects directly to the customer's local area network. This Ethernet connection must have access to the world wide web.

The G8500 LAN will monitor and control a generator anywhere in the world where an Internet connection can be obtained.

**G8500 Iridium (not shown)**

The G8500 Iridium is a truly global solution. It has a world wide footprint and connects you and your power source all over the world.

**INSTALLATION**

OmniMetrix equipment is designed for ease of installation. OMX personnel are available for installation support, testing and web activation. Your independent generator service contractors are also capable of installing this equipment with installation support from OmniMetrix. Please call OmniMetrix or its representatives for a price quote.

**Generator Control and Modbus Compatibility**

See OmniMetrix G8500 Control Compatibility and Modbus Configuration Guide

<u>Model</u>	<u>Specify Network</u>	<u>Coverage Footprint</u>
G8500	GSM Cellular Iridium Satellite Local Area Network	3G cellular network (US and International) Global coverage Customer provided Ethernet. Must have Internet connection

**See Price List for Details or contact OmniMetrix for a Quote**