



GX Series Overview

For Wireless Monitoring and Control

Applications

Prime Power
Stand-by Generators
Peak Shaving/Load
Reduction
Utility Load Control
Rental Equipment

Compatibility

Caterpillar CCM
Cummins PowerCommand
Enercon
Kohler Dec 550

Wireless Network

Cellemetry
Nextel Data
Vistar Satellite
Iridium Satellite

Specifications

Size: 5.7" 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: 6
1 Dedicated 4-20 mA
1 RS-485 Serial Port
Outputs: 2
Temp: -20 F to +120 F
FCC: Part 90 and Part 15

* Network Dependent

The GX series monitor represents the next generation of engine controller interfaces offered by OmniMetrix for advanced generator set applications. Its compact packaging and ease of wiring provide versatility for a wide variety of engine monitoring applications in the electric power, telecommunications, and industrial automation industries. The system provides for Modbus RTU protocol compatibility to various engine controllers, providing unparalleled functionality. Units can be optionally equipped with GPS locating services.

This compact monitoring system has been designed to leverage national and international wireless data networks, uses standard industry software and database tools, and delivers alarms and other event information via the Internet.

The GX series is offered in a dual enclosure package utilizing the standard proven aluminum extruded enclosure. One unit is interfaced to the engine controller via serial data protocol and RS-485 interface. The second unit provides WAN support and wireless network connectivity. A variety of terrestrial and satellite networks are supported. The system is capable of delivering virtual real-time alarms and streaming data for advanced controller applications.

This compact monitoring system is typically used to monitor critical operational parameters of the engine. Upon detection of alarm conditions, the GX monitor delivers the specific information to designated recipients, typically via e-mail. The system is fast, reliable and does not require complicated set-up or purchase of custom software. All installation is supported through OmniMetrix's customer support Help Desk.



Features

- Wireless to Web Enabled
- Modbus RTU Protocol Compatible
- Multiple Wireless Networks
- Remote Control Option
- GPS Locator Option
- Battery Backup Included
- Secure Interactive Website
- Event Logging & Notification
- User Definable Alarms & Recipients

Benefits

- Supports Advanced Engine Controllers
- Leverages Worldwide Wireless Networks
- Compact Enclosure
- Easy to Install on Generator Panels
- Economical
- No Custom Software
- Real-Time Notifications
- No Phone Lines

GX Engine Controllers	Features
GX-EN	6 Alarm Inputs, 2 Outputs, Enercon Compatible (Includes RS485/422 Adapter)
GX-CT	6 Alarm Inputs, 2 Outputs, Caterpillar CCM Compatible
GX-CU	6 Alarm Inputs, 2 Outputs, Cummins PowerCommand Compatible
GX-KH	6 Alarm Inputs, 2 Outputs, Kohler Dec 550 Compatible
GX RF Modules	Features
GX-C	Compatible with Cellemetry Cellular Technology
GX-N	Compatible with Nextel Data for High Bandwidth
GX-V	Compatible with VISTAR Satellite for Expanded Coverage
GX-I	Compatible with Iridium Satellite for Global Coverage

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