



The solution to your engine  
communication and monitoring needs...  
The J1939 Gateway™

**The J1939 Gateway™ is a "Plug & Play" data concentrator and protocol converter. It can be pre-configured for your application, so all you have to do is install the unit and communicate. If customization is needed in the field, you can use our free software MonicoView™ to change port settings, adjust mapping, add field devices, and incorporate other protocols.**

### Features

- Pre-configured data mapping of common data parameters
- Full fault and diagnostic code support with text descriptions
- MonicoView™ free software for field settings and setup adjustments
- Plug and play operation
- Supports multiple engine ECM's
- Standard versions for Modbus RTU, Modbus TCP, BACnet IP and BACnet RTU
- Capable of direct communications with Allen Bradley, GE Fanuc, BACnet and Siemens PLC without intermediate devices
- 24 VDC power requirement

### Compatible Engines and Controls

- Caterpillar® EMCP 3 Gensets
- Detroit Deisel
- Perkins 1300 EDI
- Cummins
- John Deere
- Deutz-EMR

### Temperature Ranges

Operating Temperature Range: 0 to 50 °C  
Storage Temperature Range: -30 to +70 °C

### J1939 Gateway PLUS™

To take advantage of upgraded features such as remote monitoring via the Virtual HMI Web Server, SMTP and SMS mail servers, real-time data logging, ftp server to retrieve data log files, and a sync server to automatically sync log files with an IP connected computer, upgrade to the J1939 Gateway PLUS™.

### Input/Output Modules

All J1939 gateways accommodate the following optional input/output modules which allow users to input bearing temperatures, winding temperatures, fuel level and digital inputs from ancillary equipment. The analog digital outputs allow for remote start/stop on generators and provide analog signals to other control equipment.

- (8) Digital inputs & (6) Digital outputs
- (8) Thermocouple Inputs—Any Type
- (6) RTD Input—100 ohm Platinum
- (8) Analog Voltage Inputs—0—10V
- (8) Analog Current Inputs—0-20 mA
- (4) Analog Outputs—Voltage or Current

### MONICO SALES:

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