

APPLICATION

The Monico CDL Gateway™ is a "Plug & Play" protocol converter / data concentrator product, which provides direct access to engine monitoring parameters from Caterpillar® equipment via a MODBUS TCP/IP, Modbus RTU or many other protocols and memory map formats. It is used in applications where engine data needs to be accessed from a PLC, a Human-Machine Interface (HMI), or from remote monitoring devices. No intermediate devices are needed and little or no setup is required.

COMPATIBLE ENGINES AND CONTROLS-ANY ADEM II OR ADEM III ENGINE CONTROLLER

- | | | | | |
|------------|-----------|------------|-----------|--------|
| • 3400 | • G3400 | • ADEM III | • EIS/AFR | • C27 |
| • 3500B/C | • G3500 | • G3520C | • C6.6 | • C32 |
| • EMCP II | • Marine | • GCM34 | • C9 | • C175 |
| • EMCP II+ | • G3600 | • ITSM | • C15 | • C280 |
| • EMCPII+P | • ADEM II | • ICSM | • C18 | |

INPUT

- Two-Wire Data Link
- Concentrate data from other devices

HOST INTERFACES

- Modbus TCP/IP over Ethernet via RJ-45 jack
- Modbus RTU over RS-232 Serial via RJ-11
- Modbus RTU over RS-485 Serial via RJ-45

FEATURES

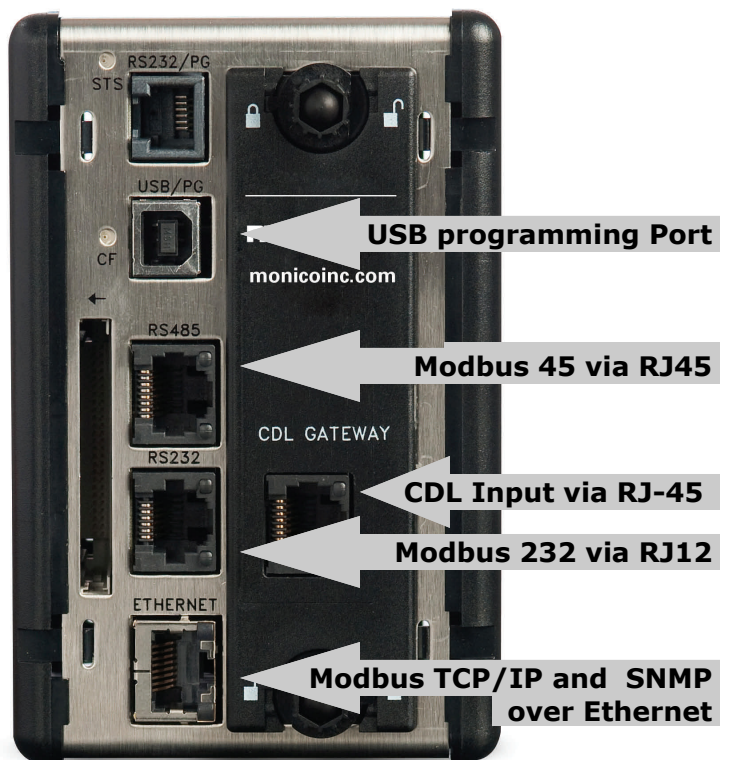
- Pre-configured solution with over 400 Modbus registers
- Built-in USB programming port can also show live data with MonicoView software
- 10x+ times faster than the CCM Translator
- Automatic Engine detection and configuration
- Up to four Modbus Masters simultaneously using Modbus
- TCP/IP or Master and Slave configurations available
- **C-UL approved for Class 1 Div 2 Groups A-D Locations**

INSTALLATION

- Mount via DIN Rail in a panel near the engine
- Connect the 2-wire Data link to the Gateway
- Connect the Host Device (PLC, SCADA or MMI)
- Supply 24 VDC power to the Gateway

OTHER CAPABILITIES

- Other protocols available such as Allen-Bradley, Siemens, Omron and GE PLC memory maps, BACnet, SNMP etc
- Convert other devices to Modbus or many other protocols through available ports
- HMI screens from 6" to 15" with multiple communications ports and CDL capability



MONICO SALES:

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