



CDL Gateway™ 3" Monochrome HMI

Application

The Monico CDL Gateway™ HMI (Human Machine Interface) is a “Plug & Play” protocol converter and a full-featured HMI that provides direct access to engine monitoring parameters from Caterpillar® equipment via many different protocols and memory map formats. It is used in applications where engine data needs to be displayed for local users and operators in addition to being accessed from a PLC or SCADA system. No intermediate devices are needed and little or no setup is required.

Compatible Engines and Controls-Any ADEM II or ADEM III Engine Controller

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|------------|-------------|------------|-----------|
| • 3400 | • EMCP II+P | • G3600 | • GCM34 |
| • 3500B/C | • G3400 | • ADEM II | • ITSM |
| • EMCP II | • G3500 | • ADEM III | • ICSM |
| • EMCP II+ | • Marine | • G3520C | • EIS/AFR |

Input

- Two-Wire Data Link
- Concentrate data from other devices using multiple protocols

Host Interfaces

- Modbus RTU & TCP/IP PLC protocols including Allen Bradley, GE Fanuc, Siemens, and many more.
- BACnet and many other available protocols.
- Same capabilities as the other versions with the addition of a 3" Monochrome HMI

Features

- Pre-configured solutions with over 400 data registers
- UL 1604 Class I Division II Approval
- Automatic Engine detection and configuration
- Outdoor rated with UV protection
- Built-In Web Server
- SMTP/SMS Mail Server
- Real-Time Data Logging via Compact Flash (2 GB Max)
- Sync Server to sync logging data with a remote server
- Slightly limited feature set with tremendous value



Installation

- Mount the HMI in a panel near the Engine
- Connect the 2-wire Data Link to the Gateway
- Connect the Host Device (PLC, SCADA, BMS)
- Supply 24 VDC power to the Gateway
- Begin scanning Registers to receive engine data

*** See our web page at WWW.MONICOINC.COM for more information ***

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