



Interactive. Powerful. Communications. The Monico HMI

Application

The Monico HMI (Human Machine Interface) is a "Plug & Play" protocol converter, data concentrator, and a full featured HMI which provides direct access to monitoring parameters from industrial equipment via many different protocols and data map versions. It is used in applications where data needs to be accessed locally and from a PLC, a Human Machine Interface (HMI), building management system, SCADA System or some other remote monitoring device. No intermediate devices are needed and little or no setup is required.

The Monico HMI is a very powerful device that can communicate in up to seven simultaneous protocols over four physical ports. This low-cost HMI functions as an operator interface for engine diagnostic codes and other critical maintenance information including text descriptions of fault codes. This product is outdoor rated, so it can function as the system wide operator interface for not only engine data, but information from the system PLC, station PLC, and other controllers in the system. It has double the backlighting of indoor units, which makes it visible even in bright sunlight.

Benefits and Features

- Hundreds of Protocols Available
- 10" Color TFT Touch Screen
- Full fault and diagnostic code support with text descriptions
- UL 1604 Class I Division II Approval
- 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 remote server
- Full-featured Touch Screen with complete custom graphics capability
- Two RS-232 Ports; One RS-485 Port; One Ethernet Port that can communicate using four unique protocols simultaneously
- OPC Capability through OPCWorx

Input

- Two-wire Data Link
- Concentrate data from other devices using multiple protocols
- (2) RS-232 Ports
- (2) RS-485 Ports
- (1) Ethernet Port
- Optional Inputs for: Cat® Data Link, S.A.E. J-1939, Devicenet and ProfiBus DP

Installation

- Supply 24 VDC power to the Gateway
- Connect the Host Device (PLC, SCADA, BMS)
- Begin scanning Registers to receive data

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