

# HMI Operator Interface



Powering Business Worldwide

# HMi—A Seamless Solution to How You Interface

Meeting customers' needs means creating products that interface seamlessly. That's why Eaton's complete line of motor control and logic devices includes everything from sophisticated drives and power control to pushbuttons, terminal blocks, and operator interfaces—all the latest in technology. Everything comes together to give Eaton the edge when it comes to customer centric solutions—offering products and services that are the ideal fit for any application.

## Your Application. Your HMi.

With features that allow you to customize the exact operator interface for your application, **HMi** is the interface solution *you* want it to be. **HMi** models are available in blue mode, grayscale and color screen versions. It's an interface solution designed to complement your application needs.

Because one application doesn't fit all, you can scale your applications to any size **HMi** device in just a few keystrokes—from 4" to 6" to 8" to 10" and back. If you decide to reuse your application on a different screen size, the click of a button adjusts your application to fit. Once you see the features of **HMi**, you'll agree it's the perfect interface device for machines built to different specifications and size requirements.

With the ever present need to be connected to your machinery and processes, communications are more important than ever. So, with an expansive driver list, and three serial communication ports, **HMi** is the answer for communicating on the most popular networks used by over 20 brands of PLCs currently on the market. An expansion slot on the back of the 6", 8" and 10" units adds the option for an Ethernet network connection or I/O modules (14 or 28 points of I/O). Use the same visualization configuration software to create ladder logic within the device, eliminating the need for a separate controller. **HMi** allows you to do more with your operator interface than ever before.

**It's your machinery and your process. Why not use your operator interface?**

## Eaton's Complete Family of Operator Interface Solutions

### ELC Graphics Panel: 2- & 4-line

Ideal for applications needing basic machine monitoring and control.

### HMi: 4", 6", 8" & 10"

Flexible features and easy-to-use software make **HMi** the answer to custom applications.

### PanelMate® Power Pro: 8", 10" Keypad & Touchscreen

Communicate on DeviceNet, PROFIBUS, Modbus Plus, Allen-Bradley™ Data Highway+ and DH-485, and legacy networks.

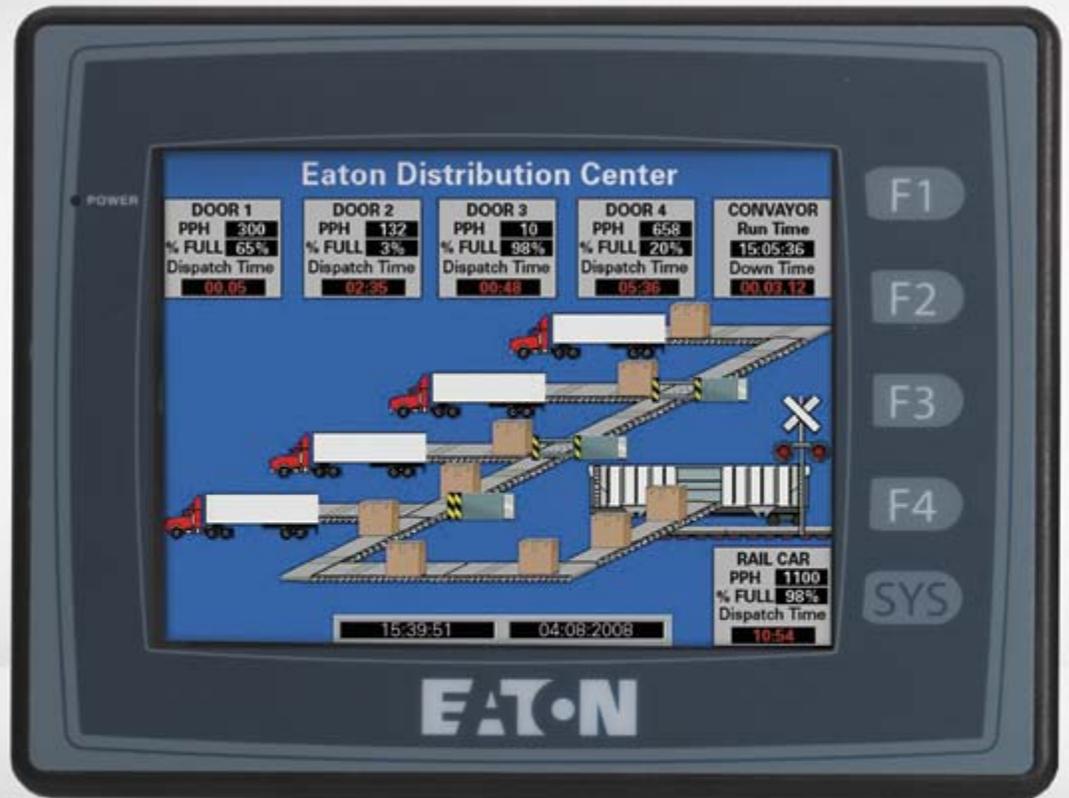
**PanelMate ePro™ PS: 8", 10", 12", 15", and Blind Node** The most rugged, feature-rich operator interface devices on the market.



# Robust. Flexible. HMi changes the way you interface.

Today's marketplace is all about how you interface—with customers, suppliers and your machinery. Eaton proudly offers a new and easy way to interface, HMi. Available in 4", 6", 8" and 10" models, HMi is a true analog touchscreen operator interface with

programmable function buttons for the most robust applications. With the ability to store recipes, historical and alarm data, or transfer that data to a USB memory stick, using HMi makes interfacing with your machinery easier than ever.



# Easy Configuration. Seamless Integration.

- **HMi** simplifies configuring your application with features that make monitoring your processes intuitive. Eaton's easy-to-use configuration software, **HMiSoft**, makes the pieces of your process interface seamlessly.
- **HMi** stores your entire application, including images, so editing does not require original source files. If your computer fails, or if years from now you need to edit the application, there's no need to track down old original source files. **HMi's** runtime file is the editable

file. Flexibility, plus the security of password protection, makes **HMi** the perfect operator interface for any user.

- You can upload/download images to a picture bank in **HMiSoft**. Save pictures from **HMi** to your PC and use them in other documents and in new **HMi** applications.

- **HMiSoft's** powerful macro capability allows you to go beyond simple operator interface functionality. It's the answer to your most demanding application requirements. You can manipulate data using advanced math and logic, move trended data to other operator interface units and PCs, and control serial ports for communicating to non-PLC devices all through one powerful, easy-to-use software package.

**Robust features and flexible software—HMi makes complicated configurations a thing of the past.**



Whether configuring an application or monitoring a process, HMi makes your system run smoothly. Getting the job done right at the right price—HMi is the operator interface solution you've been waiting for.



Expansion Slot Available on 6", 8", and 10" Models.



I/O Expansion Modules available in 8-in/6-out and 16-in/12-out.



Ethernet (Modbus TCP) Expansion Module.



USB Type A and Type B Ports.



Eaton Corporation is a diversified power management company ranked among the largest Fortune 500 companies. The electrical group is Eaton's largest division and is a global leader in electrical control, power distribution, power quality, automation, and monitoring products and services. Eaton's global electrical brands, including Cutler-Hammer®, MGE Office Protection Systems®, Powerware®, Holec®, MEM®, Santak and Moeller, provide customer-driven PowerChain Management® solutions to serve the power system needs of the industrial, institutional, government, utility, commercial, residential, IT, mission critical and OEM markets worldwide.

PowerChain Management solutions help enterprises achieve sustainable and competitive advantages through proactive management of the power system as a strategic, integrated asset throughout its life cycle. With Eaton's distribution, generation and power quality equipment; full-scale engineering services; and information management systems, the power system is positioned to deliver powerful results: greater reliability, operating cost efficiencies, effective use of capital, enhanced safety, and risk mitigation.

**Eaton Corporation**  
Electrical Group  
1000 Cherrington Parkway  
Moon Township, PA 15108  
United States  
877-ETN-CARE (877-386-2273)  
Eaton.com

© 2008 Eaton Corporation  
All Rights Reserved  
Printed in USA  
Publication No. BR04802002E  
November 2008



**PowerChain  
Management®**

PowerChain Management is a registered trademark of Eaton Corporation.

All other trademarks are property of their respective owners.