

Pro-face HMI

with MotoEIP

GRAPHICAL HMI WITH DX100

Pro-face with MotoEIP is a Human Machine Interface (HMI) option for DX100 robot controllers. This display is connected directly to the controller using MotoEIP. MotoEIP gives the DX100 robot controller the ability to communicate using EtherNet/IP (Industrial Protocol) without the need for additional hardware. A set of screens are provided as templates, and 5.7 inch or 10.4 inch displays are available. Pro-face HMI can be pedestal or fence mounted.



HIGHLIGHTS

Display Features

- 65,536 colors; TFT display
- 10 Base-T/100 Base-TX Ethernet, USB Serial (MPI) and CompactFlash® interfaces
- GP-Pro EX HMI development environment (not included)

5.7" Display Features

- Graphical touch screen
- 320 x 240 resolution
- Ethernet/internet remote connectivity
- Multi-language support
- Dual simultaneous protocol support

10.4" Display Features

- 640 x 480 and 800 x 600 resolution
- 64-bit RISC 266 Mhz CPU for ultra fast screen refresh and data sampling
- No-grid analog touch panel for improved visibility and precise touch placement

- Supports up to four protocol drivers simultaneously
- High-speed application transfer; 10 times faster than conventional operator interfaces
- Audio output, alarm, buzzer, remote reset interfaces
- Video camera support using optional GP2000-VM41 video mix module

Communication Features

- Class 3 explicit message server
- Class 1 I/O implicit messaging
- Fully compatible with ODVA standards
- Fully compatible with Pro-face HMI explicit messaging driver

- Explicit messaging connection sends commands to the robot controller on demand. Commands can be used to query robot position, set variable data, start/stop robot jobs and more. This high-speed communication interface produces an average explicit message response time of 1.2 milliseconds.

ARM YOURSELF

...with Motoman Robotics' Pro-face HMI to create a graphical user interface for your robotic application.

NOTE: Not compatible with EtherNet/IP card

TOP 3 REASONS TO BUY!

- Ideal for applications requiring an HMI and no PLC
- Cost-effective HMI solution for robotic systems
- Customizable for specific application requirements

DX100 object models include:

- DX100 B Variable Object
- DX100 I Variable Object
- DX100 D Variable Object
- DX100 R Variable Object
- DX100 M Register Object
- DX100 Position Variable Object
- DX100 CIO Object
- DX100 Alarm Object
- DX100 System Status Object
- DX100 Job Control Object
- DX100 Robot Position Object

(Contact Motoman Robotics for complete listing)

MOTOMAN ROBOTICS
100 AUTOMATION WAY, MIAMISBURG, OHIO 45342
TEL: 937.847.6200 ■ FAX: 937.847.6277

TECHNICAL SPECIFICATIONS
SUBJECT TO CHANGE WITHOUT NOTICE
DS-499-B ©2011 YASKAWA AMERICA, INC. NOVEMBER 2011

MOTOMAN IS A REGISTERED TRADEMARK
OF SANDISK CORP.
ALL OTHER MARKS ARE THE TRADEMARKS AND
REGISTERED TRADEMARKS OF YASKAWA AMERICA, INC.



ROBOT POSITION DATA



I/O SCREEN