HORNER AUTOMATION GROUP

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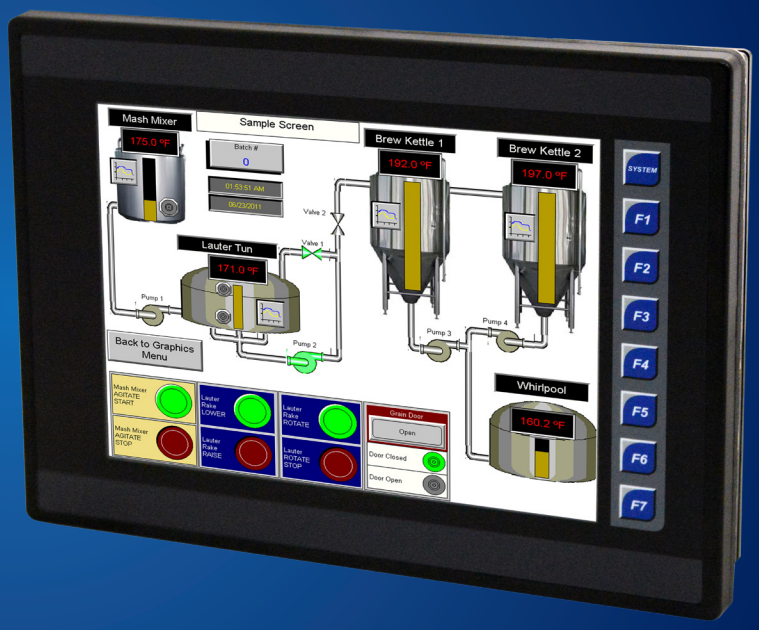
EXL10 OCS

Better Networking, Unparalleled Performance

Pushing the 10" OCS to the next level through dual CAN and dual ethernet, blazing processing speeds, and enhanced video/audio capabilities



- High performance logic controller with online programming
- 10.4" VGA color touchscreen for detailed graphics
- Built-in digital & analog I/O with (2) 500kHz high-speed counters
- Dual 10/100MB (Auto-MDIX) Ethernet for Modbus TCP C/S, HTTP, FTP, SMTP
- USB 2.0 ports for programming and FLASH drive support
- 32GB microSD slot for application updates and virtually unlimited data logging

Made in the USA

CE

c UL us

Class I, Division 2
Groups A, B, C, D
Type 4X

Dual Ethernet and Dual CAN Standard

The EXL10 provides twice the connectivity of all other products in its class. With two high-speed counters and dual 10/100 Ethernet ports, the EXL10 adds flexibility when linking to factory networks like integrated Web Server, FTP Host, Email functionality, Modbus TCP Master/Slave, program updates, and much more.

Two CAN Ports Put Your Application in Motion

The EXL10 includes two CAN ports. One port utilizes CsCAN for Distributed Plug and Play I/O over a 500m distance. The second port provides support for CANopen and J1939 for mobile applications.

Online Programming & High-Speed USB 2.0

The EXL10 includes two USB 2.0 ports; Host port and an on-the-go port. The Host Port allows connection of removable FLASH drives, supporting drives up to 2TB. EXL10 Online Programming allows the logic program to be modified on-the-fly without entering stop mode.

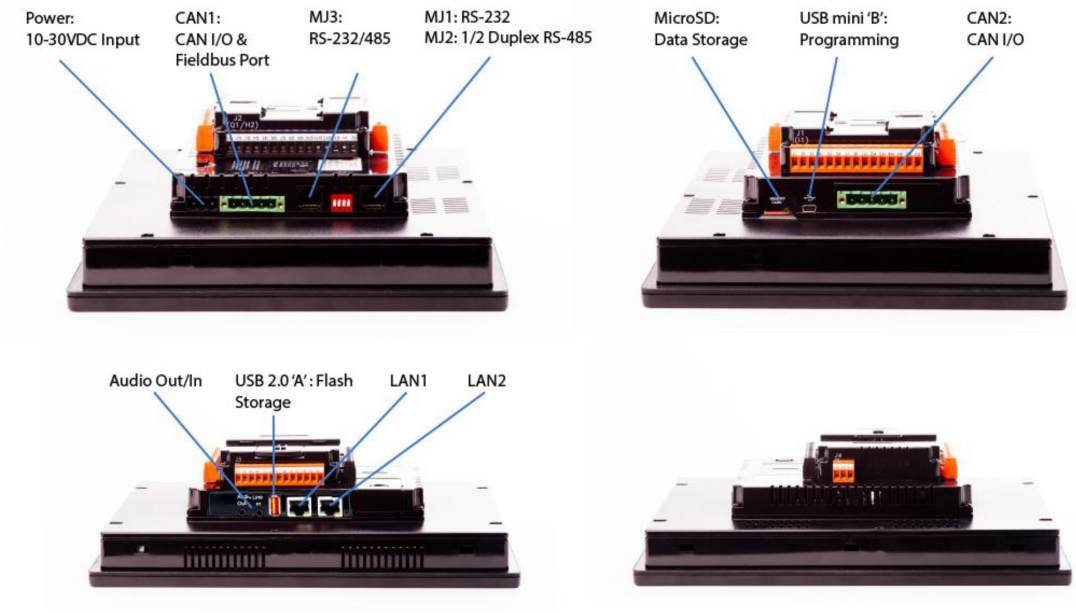
Flexible, Built-In I/O

The display benefits end-users by providing high outdoor visibility and allowing the EXL10 to be used in a variety of ambient lighting conditions.

In addition to exceptional display performance, the EXL10 contains a powerful logic engine with built-in digital and analog I/O and online programming capability.

EXL10 Specifications

General Specifications		Control & Logic Specifications	
Required Power (steady state)	150mA @ 24Vdc	Control Language Support	Adv. Ladder & Full IEC 1131-3
Primary Power Range	10-30Vdc	Logic Size (scan rate)	1MB, max (0.013mS/K)
Relative Humidity	5 to 95% Non-condensing	Online Programming	Supported in Adv. Ladder
Operating Temp	-40 to +60°C	I/O References Supported	4096 Digital & 1024 Analog
Storage Temp	-40 to +70°C	General Purpose References	50,000 Words & 32,768 bits



EXL10 Model Numbers

Part #	Description
HE-EXV1E0	No Built-in I/O
HE-EXV1E2	12 DC In, 6 Relay Out, 4 – 12-bit Analog In
HE-EXV1E3	12 DC In, 12 DC Out, 2 – 12-bit Analog In
HE-EXV1E4	24 DC In, 16 DC Out, 2 – 12-bit Analog In
HE-EXV1E5	12 DC In, 12 DC Out, 2 – 14/16-bit Analog In (mA/V/Tc/mV/RTD), 2 – 12-bit Analog Out
HE-EXV1E6	12 DC In, 12 DC Out, 6 – 14/17-bit Analog In (mA/V/Tc/mV/RTD), 4 – 12-bit Analog Out

HE-XCK Programming
Cable Kit Includes
USB to Mini USB Adapter Cable
USB to RS-232 Serial Adapter Cable
RS-232 Serial to RJ45 Ethernet Adapter Cable

Expansion & Remote I/O and Accessories

SmartRail Modular I/O

SmartStix Terminal Block I/O

SmartBlock Specialty I/O

XL Series COM Options

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