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INTRODUCING THE
NEW AND IMPROVED
XLE OCS



XLE KEEPS GETTING BETTER

The new improved XLE Series Controllers will fully replace the older models of XLE.

They are expected to ship in volume during April when stocks of the old XLE are finished.

The new XLE are now available to order for evaluation purposes.

New XLE requires Cscape 9.80 and Firmware 15.10 or above which is available to download from the [Horner Distributor Centre](#).

- Same cut-out as previous versions
- Existing XLE Cscape programs will download and work as they did on the previous XLE.
- PGM conversion utility is distributed with Cscape 9.80 and will convert old PGMs to work with the new XLEs.
- Improved Logic Scan Rates and Real Time Clock
- Support microSD up to 32GB
- Mini USB B 2.0 port allowing for programming and data access.
- HSC Upgrade (500 kHz)
- More processor memory, allowing for future expansion of features.

The XLE Series Controllers are dependable and robust. Our goal is to provide products that can be trusted, products that are cost-effective and can be used across a wide range of applications.

[Click here to learn more](#)



INTRODUCING
OUR NEW LOWER COST
ETHERNET BASED CONTROLLERS
XLEe & XLTe



We are very pleased to introduce our new Ethernet based controllers, XLEe and XLTe. They have the same specifications as XLE/XLT, but now come with full on-board Ethernet 10/100 Mb support. The new XLEe and XLTe requires Cscape 9.80 and firmware version 15.10 or above which is now available to download from the [Horner Distributor Centre](#).


- XLEe and XLTe utilises the same cut-out and features as the XLE/XLT, plus ...

- Full on-board 10/100 Mb Ethernet, no need for add on card.
- Support for all current Ethernet based protocols
- The added Ethernet is very advantageous, in that it now allows for remote accessibility without the need for an add-on Ethernet card.

Our new Ethernet based XLEe and XLTe Series Controllers set a New Cost Level for a Screen Based Ethernet OCS

XLEe and XLTe are now available to order, List Prices are now available in our 2018 [Price List](#).

[Click here to learn more](#)



NEW

Introducing our new
15" Dual Core Controller
XL+ OCS

futureproof

HORNER
AUTOMATION GROUP

THE XL+ OCS

Introducing the new high-speed dual core XL+ OCS controller. The XL+ has a 15" high-resolution touchscreen display that offers enhanced graphics, that includes support for 1080p resolution full-screen video streaming and playback

In addition to the display performance, the XL+ contains a powerful logic engine with built-in digital and analogue I/O like the rest of the XL Family. The XL+ is not just limited to the on-board I/O, it will also support the various expandable Horner I/O options currently available.

- 15" high-resolution touchscreen display
- High-speed dual core processor
- 2 x 10/100/1000 (Auto-MDIX) Ethernet LAN ports
- Three RS232/RS485 serial ports
- Two CAN ports
- 3 x USB A ports and 1 x USB mini-B port
- Built-In Digital and Analogue I/O with quad 500kHz high-speed counters
- Mic and audio connectors
- Support for 1080p resolution full-screen video streaming and playback
- Polycarbonate overlay for improved touchscreen durability

XL+ is now available to order, List Prices are now available in our 2018 [Price List](#).

[Click here to learn more](#)

NEW

SmartMod+

High Performance Expandable I/O



SmartMod+ is now available and supports the following communication protocols: Modbus TCP/IP, CANopen and a new Modbus RTU model that is easier to set up and that has I/O LEDs. Pricing is available in the Horner Europe [Distributor Centre](#)

[Click here to learn more](#)

Modbus/RTU (HE379)

- Connects via RS-485 Modbus/RTU to any X-Series OCS or other OCS/RCS family controller
- Dip-switches on the front allow for easier configuration
- DIN rail mountable
- Optical Isolation
- Response time suitable for most analogue applications
- A Selection of SmartMod+ Modbus/RTU modules are available to choose from including:
 - DC In, DC Out
 - Analogue In, Analogue Out
 - Relay
 - RTD
 - Thermocouple

CANopen (HE389)

- The CANopen communication protocol allows direct interface with any X-Series OCS or other OCS/RCS family controller
- DIN rail mountable
- Baud rate and ID Node programmable by dip-switch
- Data Transmission Baud rate up to 1 Mbps
- A Selection of CANopen SmartMod+ I/O modules are available to choose from including:
 - DC In, DC Out
 - Analogue In
 - Relay
 - RTD

Modbus TCP/IP (HE399)

- Two versions available, the more traditional slice and a low-profile variation.
- Connects to Ethernet via RJ45 to any X-Series OCS or other OCS/RCS family controller
- DIN rail mountable
- Removable screw-terminals
- A Selection of SmartMod+ Modbus/RTU modules are available to choose from including:
 - DC In, DC Out
 - Analogue In, Analogue Out
 - Relay

- RTD
- Thermocouple



X2 OCS

LOW COST
ENTRY LEVEL X-SERIES CONTROLLER
LIST PRICE SUB €200



 **HORNER**
AUTOMATION GROUP