QX Colour-touch

Performance control systems

The QX is a cost effective, high-performance all-in-one controller with embedded features such as Ethernet, CompactFlash® and Web server. It uses Horner APG's industry recognised Cscape™ software and can control a wide variety of machines and processes - from medium to large applications - requiring an operator interface, controller I/O system and networking.
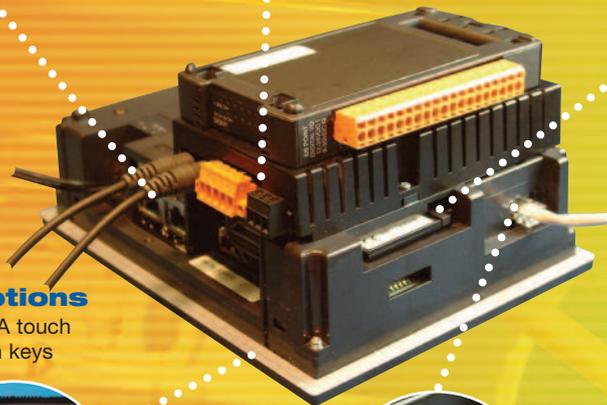
Optional back-pack
for I/O system connectivity straight on the back of the unit or through plastic fiber optics link or CsCAN remote I/O SmartStix™.

3 Serial ports
for connecting to 100+ serial protocols to PLC, Drives and other devices or our Modbus I/O system

CompactFlash®
for data storage, program loading, recipes, web pages etc...

3 Screen options
8", 10" and 12" SVGA touch screens with function keys

Ethernet 10/100 BaseT
for connecting with your enterprise systems via Modbus TCP, or other Ethernet protocols. Built-in web and ftp servers allow easy remote diagnostics

A Wide Range of Applications

Their high level of integration enables the QX models to offer unprecedented performance in a very compact unit programmed by a single IEC61131-3 software package, Cscape™. Due to its on-board fieldbus and Ethernet and the support for three independent serial protocols, the QX can operate as an ideal gateway between the shop-floor and your enterprise systems. The integrated CompactFlash® slot facilitates easy application upgrades while also extending your storage capabilities for recipes' data and process data logging. Furthermore, it can be utilised to store your web pages and graphics provided the built-in web-server has been activated. The design of independent pages is thereby possible via the user interface in order to furnish remote users with an overview of your process without affecting the operator interface.

The optional VIM400 video input card offers the ability to monitor 4 external video sources and capture images from within the control program. This additional capability is ideal for alarm monitoring within your application. The captured images can be easily stored on CompactFlash® and retrieved later via the integrated web-server.

See www.horner-apg.com/QX for complete product details

HORNER APG
20 Years of Innovation

Model Selection

Various screen sizes are available. For full ordering details please see our website at **www.horner-apg.com/QX**

All models have the following common options:

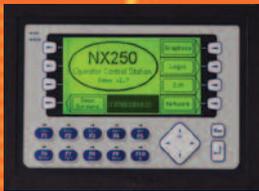| |
|---|
| Support for remote I/O via 3 serial ports, CompactFlash™, built-in Ethernet with Web and FTP server. |
| As above with the addition of support for local plug-in I/O modules, remote I/O via CAN and plastic fibre optics. |
| As above with the addition of built-in 1MHz high speed counter inputs and PWM outputs. |
| Up to 1024 graphics pages with up to 300 items per page. Supports 5 IEC61131-3 languages, 3*RS232/RS485 ports for connecting to a drive or PLC. Battery backed RAM and real-time clock. |

We are continually developing new features for the QX range. For our available models, options and accessories and ordering details please visit www.horner-apg.com/QX and select the solution that fits your requirements.

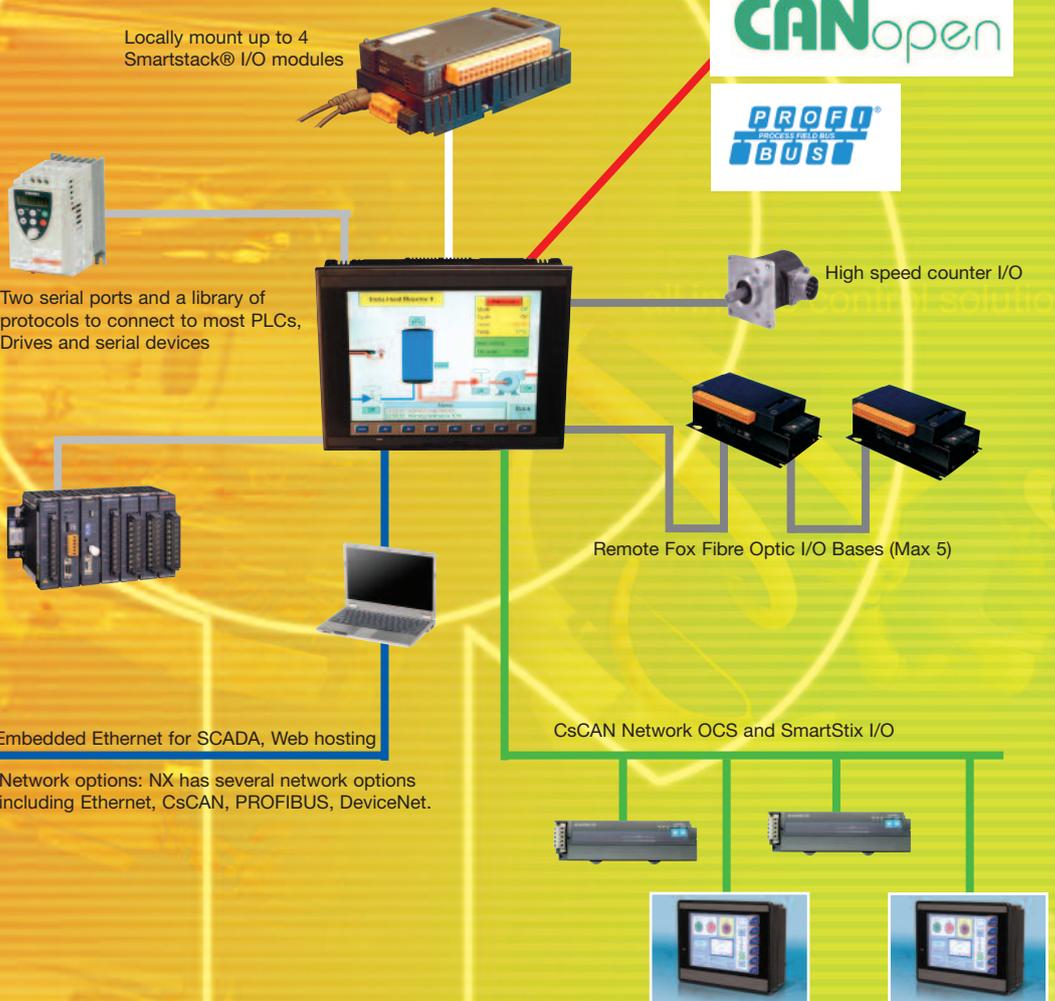### Other Products of the X-Family

XLe Range

NX Range

LX Range

Locally mount up to 4 Smartstack® I/O modules

CANopen

PROFIBUS

High speed counter I/O

Two serial ports and a library of protocols to connect to most PLCs, Drives and serial devices

Remote Fox Fibre Optic I/O Bases (Max 5)

Embedded Ethernet for SCADA, Web hosting

Network options: NX has several network options including Ethernet, CsCAN, PROFIBUS, DeviceNet.

CsCAN Network OCS and SmartStix I/O

QX - The All-in-One controller combines control, operator interface I/O and networking

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