XLe - The All-in-One Controller

XLe Compact - Versatile control systems

The XLe is a cost effective, compact, all-in-one controller with embedded features such as built-in I/O, MicroSD™ and SMS messaging via our Integrated GSM / GPRS Modem. It uses Horner APG's industry recognised Cscape™ software and can control many different types of machines and processes - from small to medium applications - requiring an operator interface, controller, network and I/O system.

User Interface

- **Compact size**
  96x96mm ($\frac{1}{4}$DIN) front panel size and only 55mm deep for small space applications

- **High visibility screen**
  128x64 graphic LCD screen with blue back-light

- **Choice of keypads**
  Select from our standard keypads, have your own logo printed on or have your own keypad designed to reflect your corporate image

- **Wide range power supply input 9 to 30Vdc**
  For mobile or industrial applications

High standard of connectivity

- **Built-in I/O**
  Different I/O combinations with a mixture of digital, analogue and high speed I/O to fit a wide range of applications

- **2 serial ports**
  For connecting to 100+ serial protocols for PLC, Drives and other devices or our Modbus I/O system

- **Networking**
  CAN port for connecting to other OCS products or remote CsCAN I/O to expand the I/O capabilities

- **MicroSD™ card**
  For data logging, program loading, recipes and much more...

For complete product details see
www.horner-apg.com/XLe

HORNER APG

20 Years of Innovation

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For a wide range of Application

From OEM machine control to machine monitoring in a plant environment, the XLe can be instrumental in keeping you or your customer's automation activities running smoothly. Future expansion is not a concern, because XLe is part of the wide ranging OCS product line - programmable with a single FREE IEC61131-3 configuration tool Cscape™.

Model Selector

Model: HEXE220	Network and I/O Expansion	Digital Inputs	Digital Outputs	Relay Outputs	Analogue Inputs	Analogue Outputs
C012	Modbus	12 (4HSC)*	0	6	4 (10bit, V/mA)	0
C112	CsCAN					
C013	Modbus	12 (4HSC)*	12 (2 Configurable)**	0	2 (10bit, V/mA)	0
C113	CsCAN					
C014	Modbus	24 (4HSC)*	16 (2 Configurable)**	0	2 (10bit, V/mA)	0
C114	CsCAN					
C015	Modbus	12 (4HSC)*	12 (2 Configurable)**	0	2 (14bit, mV/V/mA/TC/RTD)	2 (12bit, V/mA)
C115	CsCAN					

*HSC: High Speed Counter Input. **Configurable Outputs can be 2 HSC or 2 PWM or 1 Stepper Output.
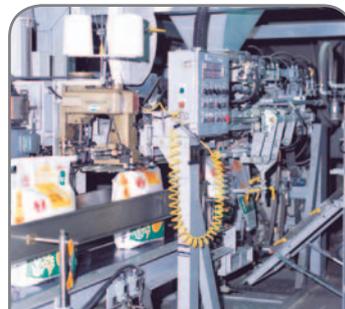
Ethernet, GSM/GPRS, PSTN Modem options are available.

Architecture
A small rugged package, 12Vdc compatibility, and removable mass storage are ideal for the agricultural environment.

Packaging
The XLe's compact size, affordable price, and fast response time make it a natural choice for packaging machinery of all types.

Telemetry:
The XLe offers the perfect I/O mix, size and communications capability for pump control, tank monitoring, water treatment and Telemetry in general.

Temperature controller:
With built-in RTD or Thermocouple inputs available, along with auto-tune PID, the XLe can perform advanced temperature control and much more on any machine.

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

OCS combines Control, Operator Interface, I/O and Network - All in One

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