C-more Quick Look

Hardware Selection

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Ethernet</th>
<th>SD Card Slot</th>
<th>Serial Ports</th>
<th>HDMI Video Output</th>
<th>Audio Output</th>
<th>USB Ports</th>
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<tbody>
<tr>
<td>EA9-T6CL-R</td>
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Hardware Features

- 64K colors and LED backlights
- 800MHz CPU
- 26MB to 82MB project memory depending on model
- 12 to 24 VDC powered (Optional AC module available)
- Built in Real-time Clock with 30 day backup
  (No Battery required)
- NEMA 4/4X IP65
- USB 2.0 Type A for USB HID compliant devices / Storage memory devices
- USB 2.0 Type B port for Programming

Software Features

- Over 50 objects including 16 pen trends, switches, PID trend faceplate, PID bar graph
- Event Manager allows for Logging and Notifications
- Language support for objects in German, French, Italian, Spanish, Chinese and Japanese Characters
- Project simulator
- Bitmap animation
- E-mail messaging
- Built-in FTP server / Web server
- Popup windows
- Data logging to USB/SD Flash Drive
- USB 2.0 Type B port for Programming
- Historical alarms with time and date stamp along with alarm frequency reporting
- Supports simultaneous communication to multiple brands of PLC/PACs
- Mouse and Keyboard support within the Project
- Remote HMI feature with smart phone / tablet / PC
- 2 year Warranty and a 30-Day Money Back Policy

Please refer to the catalog technical section for details.

Support Features

- Free Top Rated Technical Phone Support
- 2 year Warranty and a 30-Day Money Back Policy

Please refer to the catalog technical section for details.

Supported drivers

AutomationDirect PLCs
- Do-more PLCs
- K-Sequence (DirectLOGIC PLCs)
- DirectNET (DirectLOGIC PLCs)
- Modbus (Productivity Series controllers, DirectLOGIC PLCs. CLICK PLCs)
- ECOM Ethernet (DirectLOGIC PLCs)
- Think & Do (Modbus RTU and Modbus TCP/IP)
- GS Drives
- SOLO Temperature Controllers

Modbus RTU
- Modbus TCP/IP
- Allen-Bradley
  - A-B DF1
  - A-B DH485
  - A-B EtherNet/IP Client
  - A-B Ethernet/IP Server Generic IO Messaging

GE
- 90/30, 90/70, Micro 90, VersaMax Micro (SNPX)
- 90/30, R3i (SRTP Ethernet)

Omron
- Omron Host Link Adapter
- Omron FINS (Serial and Ethernet)

Mitsubishi
- FX Series CPU
- FX-1N(C), 2N(C), 3U(C) CPU
- Q Series (QO2,Q02H, Q06H, Q12H, Q25H CPU)
- Q/QnA (Serial and Ethernet)

Siemens
- S7-200 (Serial: PPI)
- S7-200 (Ethernet: ISO over TCP/IP)
- S7-300 (Ethernet: ISO over TCP/IP)
- S7-400 (Ethernet: ISO over TCP/IP)
- S7-1200 (Ethernet: ISO over TCP/IP)

Please refer to the Compatibility Table in the following technical section for detailed information about which protocols are available for use with specific controllers.

For the latest prices, please check AutomationDirect.com.
Tag-based Messaging

C-more software supports direct insertion of ControlLogix, CompactLogix and FlexLogix tags from the PLC into C-more - no mapping or translations required.

Allen-Bradley® PLC Driver Support:

- ControlLogix®
- CompactLogix®
- FlexLogix
- SLC® 5/05 Ethernet™
- MicroLogix™ 1100/1400 Ethernet

including:

- A-B DF1
- A-B DH485
- A-B EtherNet/IP Client
- A-B Ethernet/IP Server Generic IO Messaging

See complete Driver list on page CR-25

Get A-B Ethernet connectivity and 64K colors starting at $472.00

p/n EA9-T6CL: supports serial and Ethernet-based drivers
Fast and Simple Driver Setup

We have many protocols for the Allen-Bradley PLC brand. The A-B Ethernet drivers allow the simple connectivity of multiple panels and/or multiple Allen-Bradley PLCs. We also have ControlLogix EtherNet/IP Tag Messaging support. This feature helps increase productivity by reducing the time often required to map your PLC tag database into another device. You can import the RSLogix 5000 LSK file directly, or with just a few clicks of the mouse you can directly enter your ControlLogix/CompactLogix tags from the PLC into C-more. No mapping or translation required!

**AIC module from Allen-Bradley required for this connection
xxxNET - ENI module from Allen-Bradley required for this connection

<table>
<thead>
<tr>
<th>C-more Allen-Bradley Controller Support</th>
<th>DF1 Full Duplex</th>
<th>DF1 Half Duplex</th>
<th>DH485</th>
<th>Generic EtherNet/IP Server (IOD Messaging)</th>
<th>EtherNet/IP Tag-Based Client</th>
<th>EtherNet/IP Tag-Based DF1 Full Duplex</th>
<th>EtherNet/IP Tag-Based DF1 Half Duplex</th>
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<td>MicroLogix 1000, 1200, 1500</td>
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** AIC module from Allen-Bradley required for this connection
**NET - ENI module from Allen-Bradley required for this connection

## ControlLogix EtherNet/IP Tag-based Messaging

Configure ControlLogix, CompactLogix and FlexLogix tags from the PLC into C-more (no mapping or translations required).

You can configure ControlLogix, CompactLogix and FlexLogix tags in the C-more Programming software through two different methods:

1. Import the tags from RSLogix 5000 (.L5K file).
2. Type in the PLC tag names directly. You can use the PLC tag names as your C-more tag names or choose a different C-more tag name when appropriate.

For the latest prices, please check AutomationDirect.com.
ControlLogix, CompactLogix and FlexLogix

Connect to ControlLogix, CompactLogix and FlexLogix PLCs using either the native serial port or Ethernet port/module. Use direct tag-based messaging or directly enter the ControlLogix/CompactLogix PLC tags during C-more configuration (no mapping or translations required). You can connect multiple C-more panels to multiple PLC types on one network.

SLC 500 Ethernet and ENI Driver
Connect to the native Ethernet port on SLC 5/05, and to SLC 5/03 and SLC 5/04 through a 1761-NET-ENI DFI serial-to-Ethernet converter.

MicroLogix 1100/1400 Ethernet and ENI Driver
Connect to the native Ethernet port on MicroLogix 1100/1400, and to MicroLogix 1000, 1200 and 1500 through a 1761-NET-ENI DFI serial-to-Ethernet converter.
Simultaneous Communications and Panel Pass-through

Connect multiple brands of PLC/PACs

Connect multiple brands of PLC/PACs to C-more and communicate with them simultaneously. Use the Event Manager to periodically send tag values from one controller to another or when certain conditions are met.

C-more can even act as a “protocol bridge”, passing values back and forth between PLC/PACs that use different protocols.

Panel pass-through

C-more panels can access data from supported controllers attached to other C-more panels via an Ethernet connection.

Client Panel

Each PLC is operating a separate application and is connected to a C-more panel through a Serial Connection.

Server Panels

Each C-more is configured as usual. When the client panel is configured, the server panels will pass through data from the PLCs to the client.

The C-more client panel is configured to display the data collected from each PLC connected through a C-more server panel.

For the latest prices, please check AutomationDirect.com.
Network programming

_C-more_ panels with Ethernet capabilities can be programmed via the built-in Ethernet port (the EA9-T6CL-R model does not support Ethernet). Connect directly from a PC to the _C-more_ panel, or connect one or more _C-more_ panels to your plant network (via switches and routers). With _C-more_ on the plant network, you can download projects from any connected PC.

Use the network connection to upload alarm history, PLC/PAC log data or screen captures to a connected PC. _C-more_ can send e-mail, based on events or PLC/PAC alarm conditions (if connected to a network and an SMTP (Simple Mail Transport Protocol) server).

C-more programming software with Internet connection

You can program your _C-more_ panel remotely via the Internet. All you need is a Public IP address assigned to the _C-more_ panel and a network that is accessible from the Internet.

USB programming

For convenient programming, use a standard USB cable between your _C-more_ panel and your PC. No baud-rate, parity, or stop bit settings to waste your time. USB is fast; most projects download in seconds. Don’t pay inflated prices for proprietary programming cables! USB cables are inexpensive (we sell ‘em!) and are readily available so you won’t waste time looking for a special cable when your million-dollar operation is down.

For the latest prices, please check AutomationDirect.com.