

# EA9-RHMI Cut Sheet



C-more EA9 series headless HMI, (2) serial, (1) Ethernet and (2) USB ports, (1) HDMI audio/video out and (1) memory card slot.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/EA9-RHMI>

## Technical Specifications

<b>Brand</b>	C-more
<b>Item</b>	Headless HMI
<b>Series</b>	EA9
<b>Touch Screen</b>	No
<b>Touch Screen Compatibility</b>	<ul style="list-style-type: none"> <li>ELO single-touch resistive</li> <li>ELO single-touch SAW</li> <li>EETI eGalax single-touch resistive</li> <li>EETI eGalax single-touch pCAP</li> </ul>
<b>Display Resolution</b>	640 x 480 pixel, 720 x 480 pixel, 1024 x 768 pixel and 1280 x 720 pixel
<b>Display Video Standard</b>	VGA, SD, XGA and HD
<b>CPU Clock Speed</b>	800 MHz
<b>External Power Requirement</b>	12-24 VDC
<b>Mounting</b>	35mm DIN rail
<b>A/V Port and Connection Type(s)</b>	(1) HDMI audio/video output
<b>Communication Port and Connection Type(s)</b>	<ul style="list-style-type: none"> <li>(1) Ethernet 10/100Base-T (RJ45)</li> <li>(1) RS-485</li> <li>(1) RS-232/422/485</li> <li>(1) USB A</li> <li>(1) USB B</li> </ul>

### Port Protocol(s)

- Allen-Bradley DF1 full duplex
- Allen-Bradley DF1 half duplex
- Allen-Bradley DH485/AIC/AIC+
- Allen-Bradley EtherNet/IP Client
- Allen-Bradley EtherNet/IP Client (tag-based for ControlLogix)
- Allen-Bradley EtherNet/IP Server (generic I/O messaging)
- AutomationDirect CLICK Ethernet
- AutomationDirect CLICK serial
- AutomationDirect DirectLOGIC K-Sequence
- AutomationDirect DirectLOGIC DirectNET
- AutomationDirect DirectLOGIC Ethernet
- AutomationDirect Do-more/BRX serial
- AutomationDirect Do-more/BRX Ethernet
- AutomationDirect ECOM Ethernet
- AutomationDirect GS drives serial
- AutomationDirect GS drives Ethernet
- AutomationDirect Productivity Ethernet
- AutomationDirect Productivity Series serial
- AutomationDirect SOLO temperature controller
- Entivity WinPLC Modbus RTU Master
- Entivity WinPLC Modbus TCP/IP Client
- FTP Client/Server
- GE SNPX (90/30, 90/70, Micro 90, Versa Max Micro)
- GE SRTP Ethernet
- Mitsubishi FX Direct
- Mitsubishi Q
- Mitsubishi QnA Ethernet
- Mitsubishi QnA serial
- Modbus RTU Master
- Modbus TCP/IP Client
- SMTPs Client
- Omron FINS Ethernet
- Omron FINS serial
- Omron Host Link
- Siemens S7-200 Ethernet ISO over TCP
- Siemens S7-200 Serial-PPI
- Siemens S7-300/400/1200/1500 Ethernet ISO over TCP
- webserver (secure HTTPs)

### Mobile App Enabled

Android/iOS Remote HMI App

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<b>Port Speed(s)</b>	<ul style="list-style-type: none"><li>• up to 38.4k baud</li><li>• 10/100 Mbps</li></ul>
<b>Removable Media Type</b>	SD card slot
<b>Programming Software</b>	EA9-PGMSW programming software v6.5 or later
<b>Additional Information</b>	Can be connected to any HDMI compatible display (such as monitors or televisions). Supports VGA 640 x 480, SD 720 x 480, XGA 1024 x 768, HD 1280 x 720. Touchscreen or mouse support is available via USB connection. Compatible with AutomationDirect Atlas monitors. See user manual for more compatible touchscreen monitors

## Agency Approvals

<b>UL Listed File #</b>	E157382
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/EA9-RHMI.pdf>  
See store item page for other formats.