

EA9-T8CL Cut Sheet



C-more EA9 series touch screen HMI, 8in color TFT LCD, resistive single-touch, 800 x 600 pixel, SVGA, LED backlight, (3) serial, (1) Ethernet, (2) USB ports, (1) memory card slot and (1) audio line out.

Technical Specifications

Brand	C-more
Item	HMI
Series	EA9
Touch Screen	Yes
Display Size	8in
Viewable Size	8.4in
Display Type	Color TFT LCD
Widescreen	No
Display Maximum Colors	64K colors
Display Resolution	800 x 600 pixel
Display Video Standard	SVGA
Touch Panel Type	Resistive single-touch
Brightness	310nits
Display Orientation	Landscape/portrait
Backlight Type	LED
CPU Clock Speed	800 MHz
External Power Requirement	12-24 VDC
Housing Rating	NEMA 4/4X
Environmental Requirements	Indoor use only
IP Rating	IP65
Mounting	Panel
A/V Port and Connection Type(s)	(1) 3.5mm mini jack - requires amplifier and speaker(s)
Communication Port and Connection Type(s)	• (1) Ethernet 10/100Base-T (RJ45) • (1) RS-232 (RJ12) • (1) RS-232/422/485 (DB15 female) • (1) RS-485 (3-pin terminal) • (1) USB A • (1) USB B

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
- Entity WinPLC Modbus RTU Master
- Entity 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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Port Speed(s)	• up to 38.4k baud • 10/100 Mbps
Removable Media Type	SD card slot
Programming Software	EA9-PGMSW programming software v5.0 or later
Includes	Mounting hardware, gasket and cutout template

Agency Approvals

UL Listed File #	E157382
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings