

# CM5-T22W Cut Sheet



C-more CM5 series touch screen HMI, 22in color TFT LCD, resistive single-touch, widescreen, 1920 x 1080 pixel, FHD, LED backlight, (2) Ethernet, (3) serial and (4) USB ports 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/CM5-T22W>

## Technical Specifications

<b>Brand</b>	C-more
<b>Item</b>	HMI
<b>Series</b>	CM5
<b>Touch Screen</b>	Yes
<b>Display Size</b>	21.5in
<b>Viewable Size</b>	21.5in
<b>Display Type</b>	Color TFT LCD
<b>Widescreen</b>	Yes
<b>Display Maximum Colors</b>	16.7M colors
<b>Display Resolution</b>	1920 x 1080 pixel
<b>Display Video Standard</b>	FHD
<b>Touch Panel Type</b>	Resistive single-touch
<b>Brightness</b>	280nits
<b>Display Orientation</b>	Landscape/portrait
<b>Backlight Type</b>	LED
<b>CPU Clock Speed</b>	1.6 GHz quad-core
<b>External Power Requirement</b>	12-24 VDC
<b>Housing Rating</b>	NEMA 4/4X
<b>Environmental Requirements</b>	Indoor use only
<b>IP Rating</b>	IP65
<b>Mounting</b>	Panel
<b>Communication Port and Connection Type(s)</b>	<ul style="list-style-type: none"> <li>• (2) Ethernet 10/100Base-T (RJ45)</li> <li>• (1) RS-232 (RJ12)</li> <li>• (1) RS-232/422/485 (DB15 female)</li> <li>• (1) RS-485 (3-pin terminal)</li> <li>• (4) USB A</li> <li>• (1) USB B</li> </ul>

<b>Communication Port and Connection Type(s)</b>	<ul style="list-style-type: none"> <li>• (2) Ethernet 10/100Base-T (RJ45)</li> <li>• (1) RS-232 (RJ12)</li> <li>• (1) RS-232/422/485 (DB15 female)</li> <li>• (1) RS-485 (3-pin terminal)</li> <li>• (4) USB A</li> <li>• (1) USB B</li> </ul>
<b>Port Protocol(s)</b>	<ul style="list-style-type: none"> <li>• Allen-Bradley DF1 full duplex</li> <li>• Allen-Bradley DF1 half duplex</li> <li>• Allen-Bradley EtherNet/IP Client</li> <li>• Allen-Bradley EtherNet/IP Client (tag-based for ControlLogix)</li> <li>• Allen-Bradley EtherNet/IP Server (generic I/O messaging)</li> <li>• AutomationDirect CLICK Ethernet</li> <li>• AutomationDirect CLICK serial</li> <li>• AutomationDirect DirectLOGIC K-Sequence</li> <li>• AutomationDirect DirectLOGIC DirectNET</li> <li>• AutomationDirect DirectLOGIC Ethernet</li> <li>• AutomationDirect Do-more/BRX serial</li> <li>• AutomationDirect Do-more/BRX Ethernet</li> <li>• AutomationDirect ECOM Ethernet</li> <li>• AutomationDirect GS drives serial</li> <li>• AutomationDirect GS drives Ethernet</li> <li>• AutomationDirect Productivity Series Ethernet</li> <li>• AutomationDirect Productivity Series serial</li> <li>• AutomationDirect SOLO temperature controller</li> <li>• AutomationDirect SOLO modular temperature controller</li> <li>• Entivity WinPLC Modbus RTU Master</li> <li>• Entivity WinPLC Modbus TCP/IP Client</li> <li>• FTP Client/Server</li> <li>• GE SNPX (90/30, 90/70, Micro 90, Versa Max Micro)</li> <li>• GE SRTP (90/30) Ethernet</li> <li>• GE SRTP (Fanuc R-30iB) Ethernet</li> <li>• Mitsubishi FX Direct</li> <li>• Mitsubishi Q</li> <li>• Mitsubishi QnA Ethernet</li> <li>• Mitsubishi QnA serial</li> <li>• Modbus RTU Master</li> <li>• Modbus TCP/IP Client</li> <li>• MQTT Client</li> <li>• MQTTs Client</li> <li>• SMTPs Client</li> <li>• NTP Client/Server</li> <li>• Omron FINS Ethernet</li> <li>• Omron FINS serial</li> <li>• Omron Host Link</li> <li>• Siemens S7-200 Ethernet ISO over TCP</li> </ul>

- Siemens S7-200 Serial-PPI
- Siemens S7-300/400/1200/1500 Ethernet ISO over TCP
- webservice (secure HTTPs)

<b>Mobile App Enabled</b>	Android/iOS Remote HMI App
<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>	CM5-PGMSW programming software v8.0 or later
<b>Includes</b>	Mounting hardware, gasket and cutout template

# CM5-T22W Cut Sheet

<b>Port Protocol(s)</b>	<ul style="list-style-type: none"> <li>• Allen-Bradley DF1 full duplex</li> <li>• Allen-Bradley DF1 half duplex</li> <li>• Allen-Bradley EtherNet/IP Client</li> <li>• Allen-Bradley EtherNet/IP Client (tag-based for ControlLogix)</li> <li>• Allen-Bradley EtherNet/IP Server (generic I/O messaging)</li> <li>• AutomationDirect CLICK Ethernet</li> <li>• AutomationDirect CLICK serial</li> <li>• AutomationDirect DirectLOGIC K-Sequence</li> <li>• AutomationDirect DirectLOGIC DirectNET</li> <li>• AutomationDirect DirectLOGIC Ethernet</li> <li>• AutomationDirect Do-more/BRX serial</li> <li>• AutomationDirect Do-more/BRX Ethernet</li> <li>• AutomationDirect ECOM Ethernet</li> <li>• AutomationDirect GS drives serial</li> <li>• AutomationDirect GS drives Ethernet</li> <li>• AutomationDirect Productivity Series Ethernet</li> <li>• AutomationDirect Productivity Series serial</li> <li>• AutomationDirect SOLO temperature controller</li> <li>• AutomationDirect SOLO modular temperature controller</li> <li>• Entivity WinPLC Modbus RTU Master</li> <li>• Entivity WinPLC Modbus TCP/IP Client</li> <li>• FTP Client/Server</li> <li>• GE SNPX (90/30, 90/70, Micro 90, Versa Max Micro)</li> <li>• GE SRTP (90/30) Ethernet</li> <li>• GE SRTP (Fanuc R-30iB) Ethernet</li> <li>• Mitsubishi FX Direct</li> <li>• Mitsubishi Q</li> <li>• Mitsubishi QnA Ethernet</li> <li>• Mitsubishi QnA serial</li> <li>• Modbus RTU Master</li> <li>• Modbus TCP/IP Client</li> <li>• MQTT Client</li> <li>• MQTTs Client</li> <li>• SMTPs Client</li> <li>• NTP Client/Server</li> <li>• Omron FINS Ethernet</li> <li>• Omron FINS serial</li> <li>• Omron Host Link</li> <li>• Siemens S7-200 Ethernet ISO over TCP</li> <li>• Siemens S7-200 Serial-PPI</li> <li>• Siemens S7-300/400/1200/1500 Ethernet ISO over TCP</li> <li>• webserver (secure HTTPs)</li> </ul>
-------------------------	--

<b>Mobile App Enabled</b>	Android/iOS Remote HMI App
<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>	CM5-PGMSW programming software v8.0 or later

## 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/2d/CM5-T22W.pdf>  
 See store item page for other formats.