



# cMT3152X | Smart HMI Series



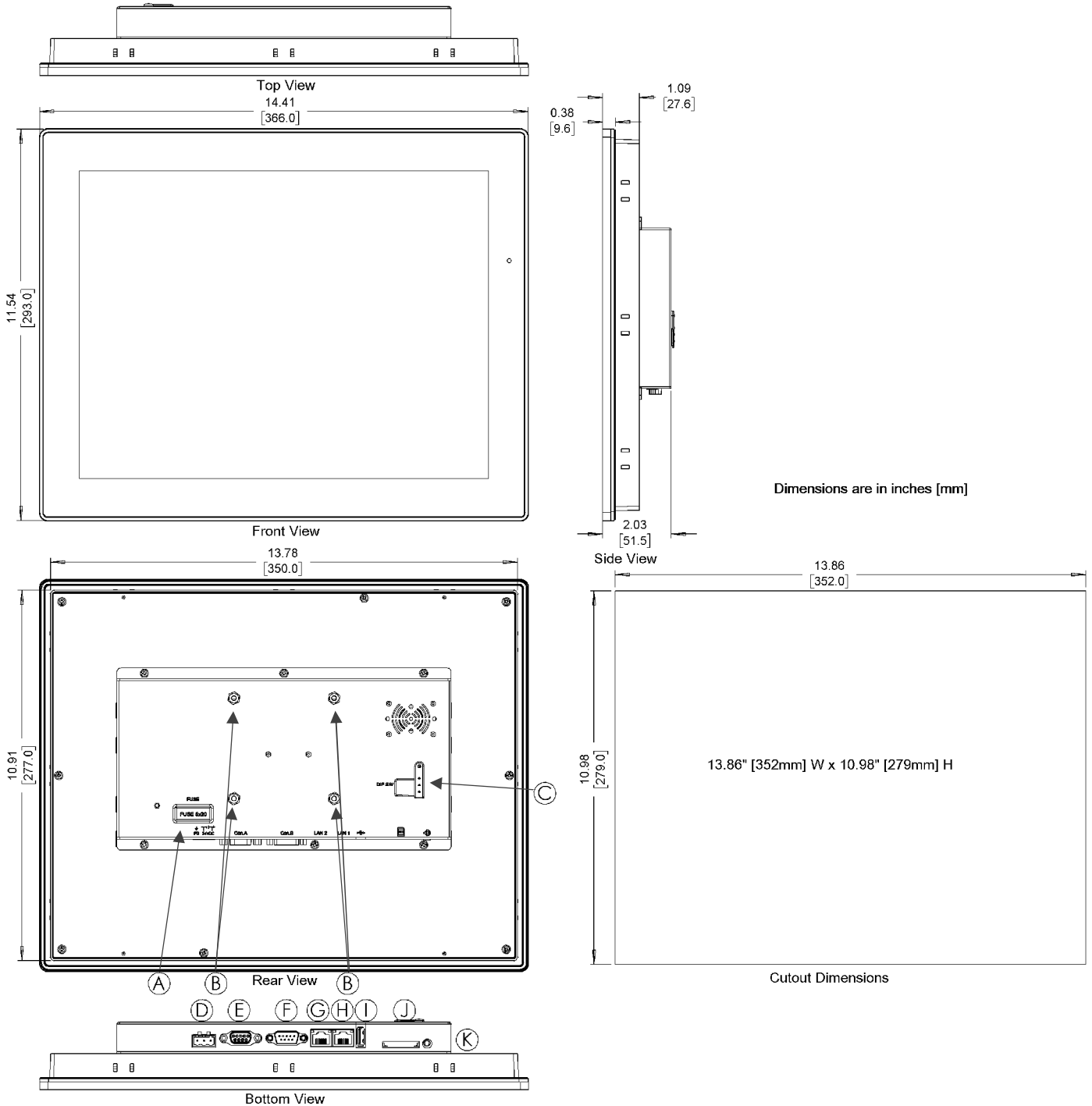
## 15" Touchscreen HMI with IIoT Features



- High Speed Display Update
- Built-in Edge Gateway Function
- Enhanced Graphic & Security
- Email Alarm Notification
- Recipe, PDF Reader
- SQL Database, Database Server, OPC-UA Server



<b>System</b>	<b>CPU</b>	32-bit RISC Quad-Core Cortex-A17, 1.6 GHz
	<b>Memory (RAM)</b>	1 GB
	<b>Memory (Flash)</b>	4 GB
	<b>RTC</b>	Built-in
<b>I/O Ports</b>	<b>Serial</b>	1 x DE9P COM1: RS-232, COM3: RS-232* 1 x DE9S COM1: RS-485 2 or 4 wire, COM3: RS-485 2 wire, CANbus
	<b>LAN</b>	1 x 10/100 Base-T RJ-45, 1 x GbE RJ-45
	<b>CANbus</b>	Yes
	<b>USB Host</b>	1 x USB 2.0
	<b>USB Client</b>	N/A
	<b>Audio</b>	1 x audio line out – 3.5 mm and built-in mono speaker
	<b>Video</b>	N/A
	<b>Wi-Fi</b>	N/A
	<b>HDMI®</b>	N/A
	<b>SD Card Slot</b>	SD/SDHC
<b>Display</b>	<b>Display Type</b>	15" IPS LCD
	<b>Size (W x H)</b>	12.05 x 9.06 inches [306 x 230 mm]
	<b>Max. Resolution</b>	1024 x 768
	<b>Max. Color</b>	16.2 M
	<b>Luminance (cd/m²)</b>	400
	<b>View Angle (H°/V°)</b>	178/178
	<b>Contrast Ratio</b>	1000:1
<b>Backlight Lifetime (Hours)</b>	50,000+	
<b>Touch Screen</b>	<b>Type</b>	Tempered Glass, Projected Capacitive
	<b>Hardness Scale</b>	7H
<b>Electrical</b>	<b>Input Voltage</b>	24 ± 20% VDC
	<b>Input Current</b>	1.3 A @ 24 VDC
	<b>Input Power</b>	31.2 W
	<b>Power Isolation</b>	Built-in
<b>Isolation Resistance</b>	Exceed 50 MΩ at 500 VDC	
<b>Mechanical</b>	<b>Enclosure</b>	Plastic Front Bezel, Aluminum Rear
	<b>PCB Coating</b>	Yes
	<b>Dimensions (W x H x D)</b>	14.41 x 11.54 x 2.03 inches [366 x 293 x 51.5 mm]
	<b>Net Weight</b>	Approx. 6.06 lbs. [2.75 kg]
<b>Mounting</b>	Panel mounting, VESA 75 x 75 mm	
<b>Environmental</b>	<b>Operating Temperature</b>	32° ~ 122°F [0° ~ 50°C]
	<b>Storage Temperature</b>	-4° ~ 140°F [-20° ~ 60°C]
	<b>Relative Humidity</b>	10% ~ 90% (non-condensing)
	<b>Vibration Endurance</b>	10 to 25 Hz (X, Y, Z direction, 2G, 30 minutes)
	<b>Rating</b>	NEMA 4, IP66 compliant front panel
<b>Certifications</b>	cULus, CE, RoHS	
<b>Software</b>	EBPro (v6.04.02 or later), EasyAccess 2.0 (Included), CODESYS (optional), IIoT Ready, MQTT, Sparkplug B, VNC, CMTViewer, Webview, SQL,	
<b>Notes</b>	*Only Tx and Rx may be used for COM1 RS-232 while COM3 RS-232 is in use. Specifications subject to change without notice	



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|---|-----------------------------|---|-----------------------|
| A | Fuse                        | G | Ethernet Port         |
| B | VESA 75mm Screw Holes       | H | Gigabit Ethernet Port |
| C | DIP Switches & Reset Button | I | USB 2.0 Host Port     |
| D | Power Connector             | J | SD Card Slot          |
| E | COM Port DE9S               | K | Line-Out              |
| F | COM Port DE9P               |   |                       |