



cMT3161X | Smart X HMI Series

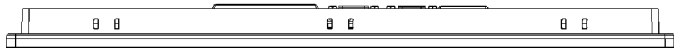
15.6" Touchscreen HMI with IIoT Features



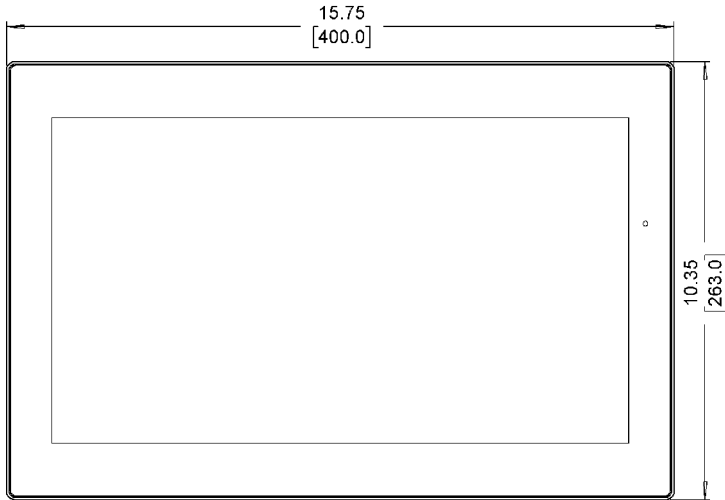
- Capacitive Display
- High Speed Display Update
- Built-in Edge Gateway Function
- Enhanced Graphic & Security
- Email Alarm Notification
- Recipe, PDF Reader
- SQL Database, Database Server, OPC-UA Server



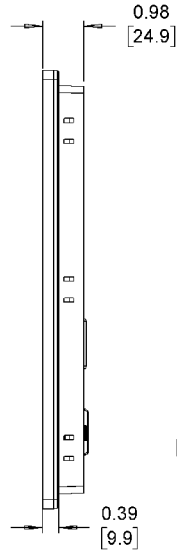
System	CPU	32-bit RISC Quad-Core Cortex-A17, 1.6 GHz
	Memory (RAM)	1 GB
	Memory (Flash)	4 GB
	RTC	Built-in
I/O Ports	Serial	1 x DE9P COM1: RS-232, COM3: RS-232* 1 x DE9S COM1: RS-485 2 or 4 wire, COM3: RS-485 2 wire
	LAN	1 x 10/100 Base-T RJ-45
	CANbus	N/A
	USB Host	1 x USB 2.0
	USB Client	N/A
	Audio	Built-in mono speaker
	Video	N/A
	Wi-Fi	N/A
	HDMI®	N/A
	SD Card Slot	N/A
Display	Display Type	15.6" IPS LCD
	Size (W x H)	13.60 x 7.68 inches [345.6 x 195 mm]
	Max. Resolution	1920 x 1080 (1080P)
	Max. Color	16.2 M
	Luminance (cd/m ²)	300
	View Angle (H°/V°)	178/178
	Contrast Ratio	800:1
Touch Screen	Backlight Lifetime (Hours)	50,000+
	Type	Tempered Glass, Projected Capacitive
Electrical	Hardness Scale	7H
	Input Voltage	24 ± 20% VDC
	Input Current	1.3 A @ 24 VDC
	Input Power	31.2 W
	Power Isolation	Built-in
Mechanical	Isolation Resistance	Exceed 50 MΩ at 500 VDC
	Enclosure	Plastic Front Bezel, Aluminum Rear
	PCB Coating	Yes
	Dimensions (W x H x D)	15.75 x 10.35 x 0.98 inches [400 x 263 x 24.9 mm]
	Net Weight	Approx. 3.53 lbs. [1.6 kg]
Environmental	Mounting	Panel mounting, VESA 100 x 100 mm
	Operating Temperature	32° ~ 122°F [0° ~ 50°C]
	Storage Temperature	-4° ~ 140°F [-20° ~ 60°C]
	Relative Humidity	10% ~ 90% (non-condensing)
	Vibration Endurance	10 to 25 Hz (X, Y, Z direction, 2G, 30 minutes)
	Rating	NEMA 4, IP66 compliant front panel
Software	Certifications	CE, RoHS
		EBPro (v6.04.02 or later), EasyAccess 2.0 (optional), IIoT Ready, MQTT, Sparkplug B, VNC, CMTViewer, Webview, SQL
Notes	*Only Tx and Rx may be used for COM1 RS-232 while COM3 RS-232 is in use. Specifications subject to change without notice	



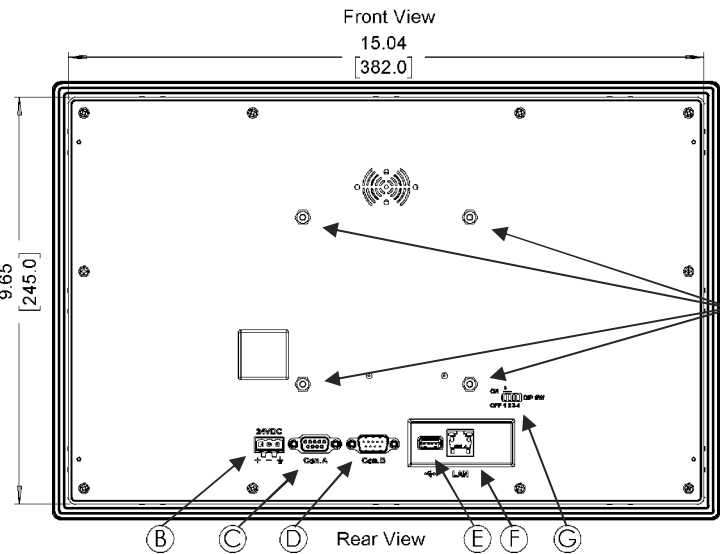
Top View



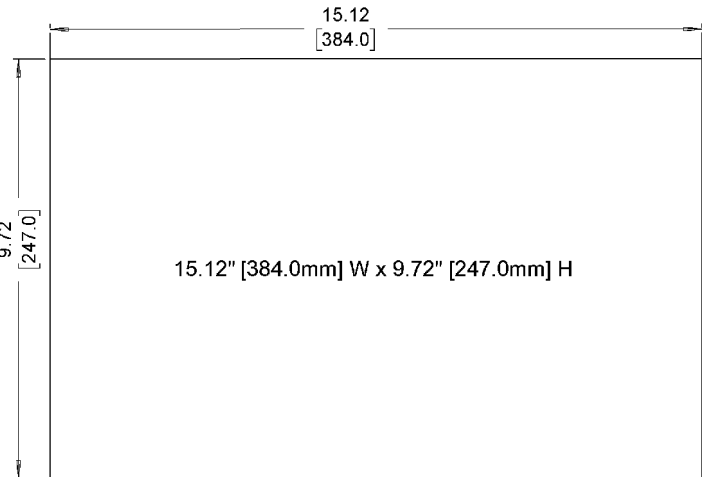
Front View



Dimensions are in inches [mm]



Rear View



Cutout Dimensions



Bottom View

- | | | | |
|---|------------------------|---|-------------------|
| A | VESA 100mm Screw Holes | E | USB 2.0 Host Port |
| B | Power Connector | F | Ethernet Port |
| C | COM Port DE9S | G | DIP Switches |
| D | COM Port DE9P | | |