



cMT3162X | Smart X HMI Series

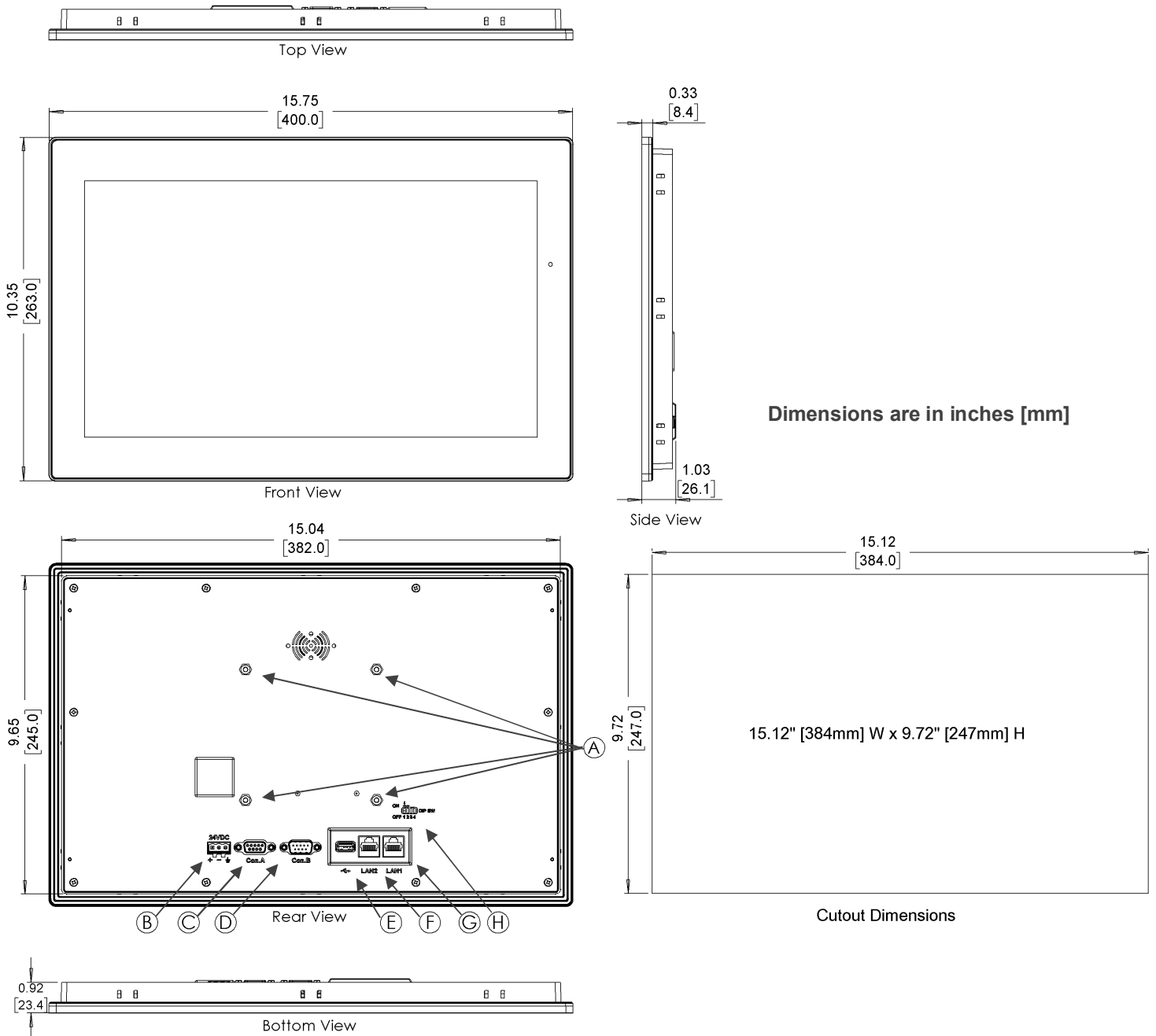
15.6" Touchscreen HMI with IIoT Features



- 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



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, CANbus
	LAN	1 x 10/100 Base-T RJ-45, 1 x GbE RJ-45
	CANbus	Yes
	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/m²)	300
	View Angle (H°/V°)	178/178
	Contrast Ratio	800:1
Backlight Lifetime (Hours)	50,000+	
Touch Screen	Type	Tempered Glass, Projected Capacitive, Vibrational Feedback
	Hardness Scale	7H
Electrical	Input Voltage	24 ± 20% VDC
	Input Current	1.3 A @ 24 VDC
	Input Power	31.2 W
	Power Isolation	Built-in
Isolation Resistance	Exceed 50 MΩ at 500 VDC	
Mechanical	Enclosure	Plastic Front Bezel, Aluminum Rear
	PCB Coating	Yes
	Dimensions (W x H x D)	15.75 x 10.35 x 1.03 inches [400 x 263 x 26.1 mm]
	Net Weight	Approx. 3.53 lbs. [1.6 kg]
Mounting	Panel mounting, VESA 100 x 100 mm	
Environmental	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
Certifications	cULus, CE, RoHS	
Software	EBPro (v6.04.02 or later), EasyAccess 2.0 (optional), CODESYS (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	



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