



HMI5102L | Advanced HMI Series

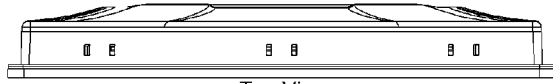
10.1" High-Resolution Touchscreen HMI



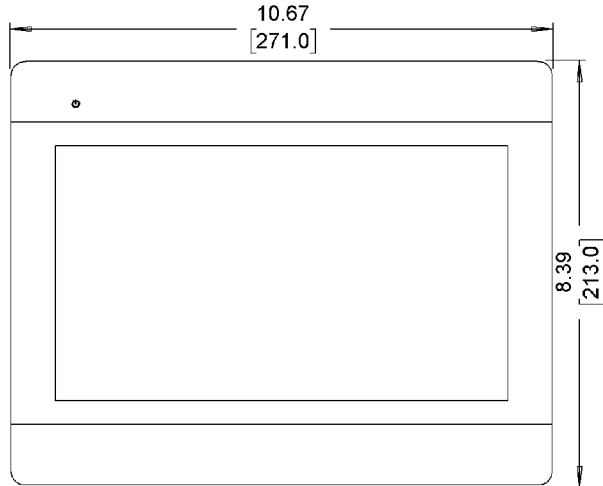
- Enhanced Graphics, Animation
- Enhanced Security
- Email Notification
- Recipe, Data Logging, Pie Charts
- Trend Graphic, Circular Trends
- Remote Access (Easy Access 2.0)



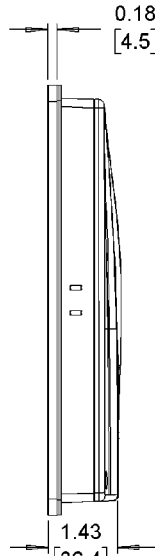
System	CPU	32-bit RISC Cortex-A8, 600 MHz
	Memory (RAM)	128 MB
	Memory (Flash)	128 MB
	RTC	Built-in
I/O Ports	Serial	1 x DE9P COM1: RS-232, COM3 RS-232* 1 x DE9S COM1: RS-485 2 wire, COM2: RS-485 2 or 4 wire, COM3: RS-485 2 or 4 wire**
	LAN	1 x 10/100 Base-T RJ-45
	CANbus	N/A
	USB Host	1 x USB 2.0
	USB Client	N/A
	Audio	N/A
	Video	N/A
	Wi-Fi	N/A
	HDMI®	N/A
	SD Card Slot	N/A
Display	Display Type	10.1" TFT LCD
	Size (W x H)	8.70 x 5.12 inches [221 x 130 mm]
	Max. Resolution	1024 x 600
	Max. Color	16.7 M
	Luminance (cd/m²)	350
	View Angle (H°/V°)	120/140
	Contrast Ratio	500:1
	Backlight Lifetime	50,000+
Touch Screen	Type	4-wire resistive touch
	Active Area Accuracy	Length (X) ± 2%, width (Y) ± 2%
Electrical	Input Voltage	24 ± 20% VDC
	Input Current	650 mA @ 24 VDC
	Input Power	15.6 W
	Power Isolation	Built-in
	Isolation Resistance	Exceed 50 MΩ at 500 VDC
Mechanical	Enclosure	Plastic, light gray
	PCB Coating	Yes
	Dimensions (W x H x D)	10.67 x 8.39 x 1.42 inches [271 x 213 x 36 mm]
	Net Weight	Approx. 2.2 lbs. [1.0 kg]
	Mounting	Panel mounting
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, 2 G, 30 minutes)
	Rating	UL Type 4X (indoor use only), NEMA 4, IP65 compliant front panel
Certifications	cULus, CE, RoHS	
Software	EasyBuilder Pro (v6.00.01.174 or later), EasyAccess 2.0 (optional), IIoT Ready, MQTT, Sparkplug, VNC	
Notes	*RTS/CTS cannot be used for COM1 RS-232 while COM3 RS-232 is in use. **COM1 RS-485 2 wire not available simultaneously with COM3 RS-485 4 wire. Specifications subject to change without notice	



Top View

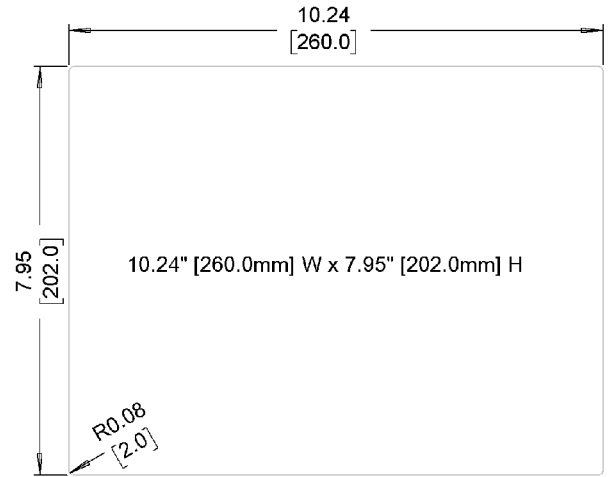


Front View

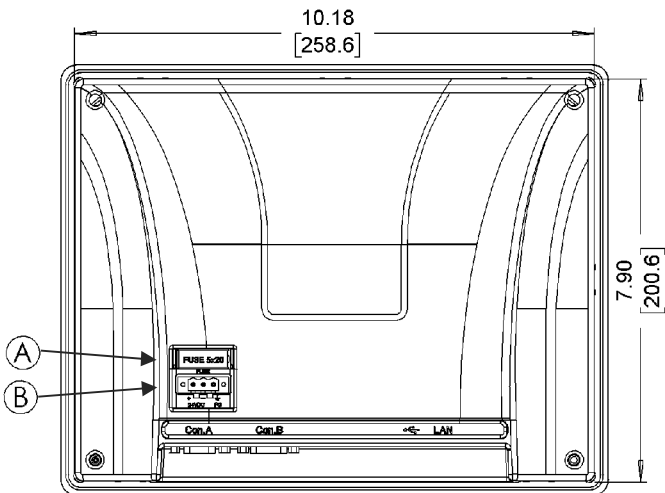


Side View

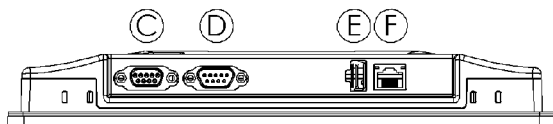
Dimensions are in inches [mm]



Cutout Dimensions



Rear View



Bottom View

- A Fuse
- B Power Connector
- C COM Port DE9S
- D COM Port DE9P
- E USB 2.0 Host Port
- F Ethernet Port