



HMI5103L | Advanced HMI Series

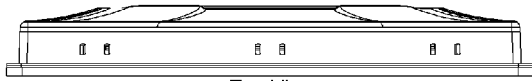
10.1" High-Resolution Touchscreen HMI



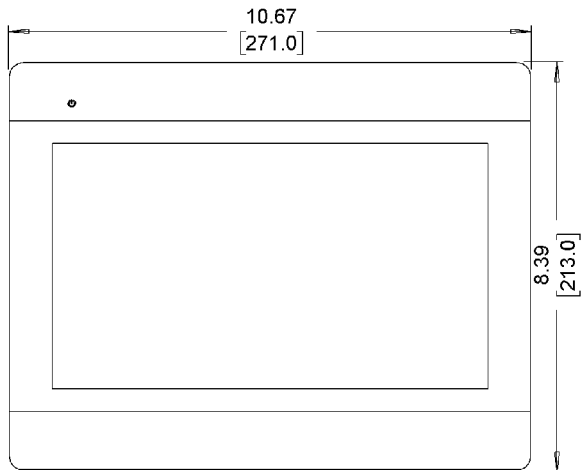
- Enhanced Graphics, Animation
- Enhanced Security
- Email Notification
- Recipe, Data Logging, Pie Charts
- Wifi Compatible
- Remote Access (Easy Access 2.0)



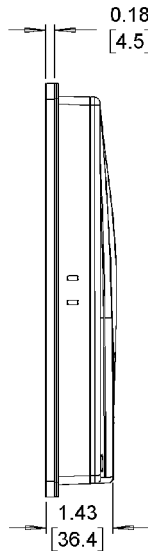
System	CPU	32-bit RISC Cortex-A8, 600 MHz
	Memory (RAM)	128 MB
	Memory (Flash)	128 MB
	RTC	Built-in
I/O Ports	Serial	1 x DE9P COM1: RS-232, COM3 RS-232* 1 x DE9S COM1: RS-485 2 wire, COM2: RS-485 2 or 4 wire, COM3: RS-485 2 or 4 wire**
	LAN	1 x 10/100 Base-T RJ-45
	CANbus	N/A
	USB Host	1 x USB 2.0
	USB Client	N/A
	Audio	N/A
	Video	N/A
	Wi-Fi	IEEE 802.11 b/g/n, WPA-PSK/WPA2-PSK encryption
	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	EBPro (v6.00.01.174 or later), EasyAccess 2.0 pre-installed and activated, 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

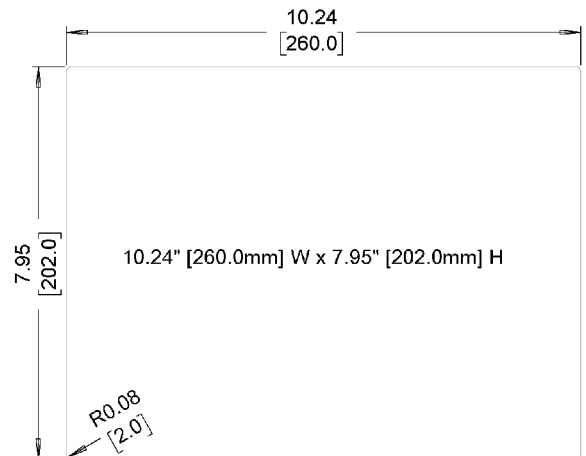


Front View

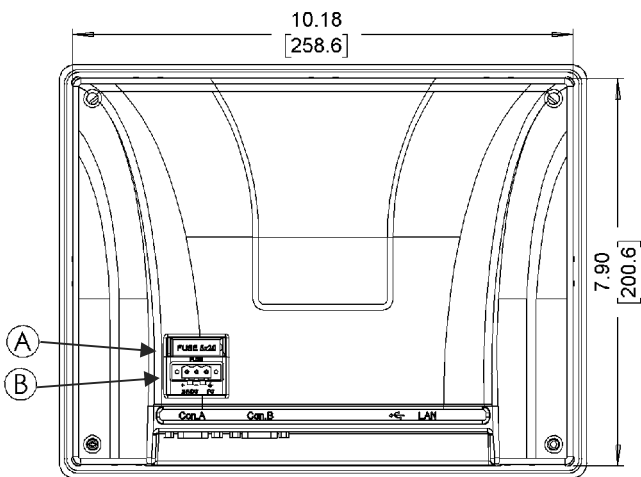


Side View

Dimensions are in inches [mm]

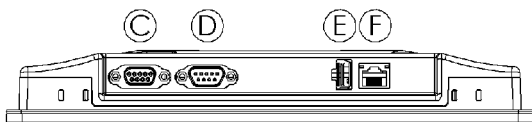


Cutout Dimensions



Rear View

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



Bottom View