



## 7.0" Touchscreen HMI with High Resolution



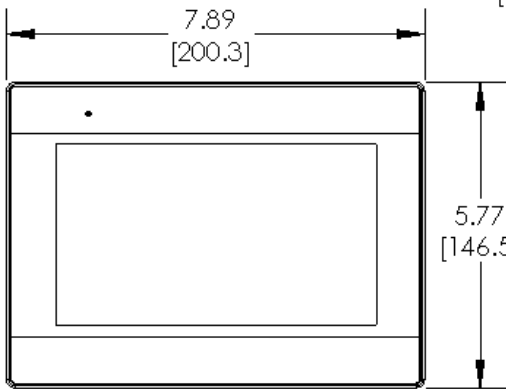
- High Resolution Wide Viewing Angle Display
- Aluminum Bezel provides IP66 Protection for Washdown Environments
- Quad-Core CPU for CODESYS Soft PLC Functionality
- CANbus Support: CANopen, CANbus 2.0A/B, SAE J1939 Protocols
- SQL Database, Database Server, OPC-UA Server



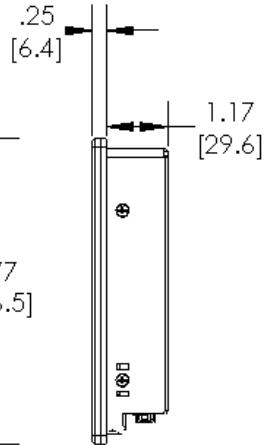
System	CPU	Quad-Core RISC
	Memory (RAM)	1 GB
	Memory (Flash)	4 GB
	RTC	Built-in
I/O Ports	Serial	1 x DE9P COM1: RS-232, COM3: RS-232* 1 x DE9S COM2: RS-485 2 or 4 wire, COM3: RS-485 2 wire, CANbus
	LAN	2 x 10/100 Base-T RJ-45
	CANbus	Yes (Supported Protocols: CANopen, CANbus 2.0A/2.0B, SAE J1939)
	USB 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	7" WVA LCD
	Size (W x H)	6.02 x 3.39 inches [153 x 86 mm]
	Max. Resolution	1024 x 600
	Max. Color	16.7 M
	Luminance (cd/m <sup>2</sup> )	450
	View Angle (H°/V°)	170/170
	Contrast Ratio	800:1
	Backlight Lifetime (Hours)	30,000+
Touch Screen	Type	4-wire resistive touch
	Active Area Accuracy	Length (X) ±2%, width (Y) ±2%
Electrical	Input Voltage	24 ±20% VDC
	Input Current	820mA @ 24 VDC
	Input Power	19.7 W
	Power Isolation	Built-in
	Isolation Resistance	Exceed 50 MΩ at 500 VDC
Mechanical	Enclosure	Aluminum Chassis and Bezel
	PCB Coating	Yes
	Dimensions (W x H x D)	7.89 x 5.77 x 1.42 inches [200.3 x 146.5 x 36 mm]
	Net Weight	Approx. 1.76 lbs. [0.8 kg]
	Mounting	Panel mounting
Environmental	Operating Temperature	-4° ~ 131°F [-20° ~ 55°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	CE, RoHS
Software	EBPro (v6.07.01 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	



Top View

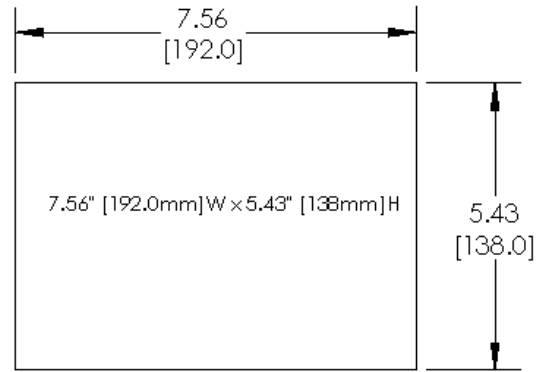


Front View

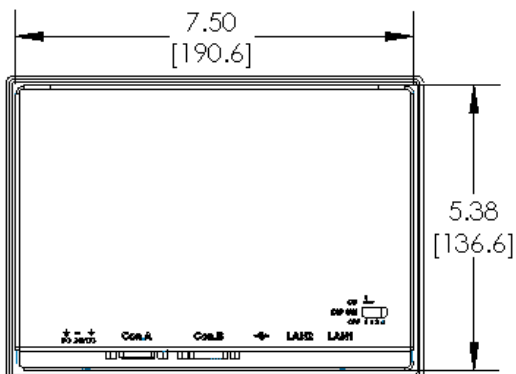


Side View

Dimensions are in inches [mm]

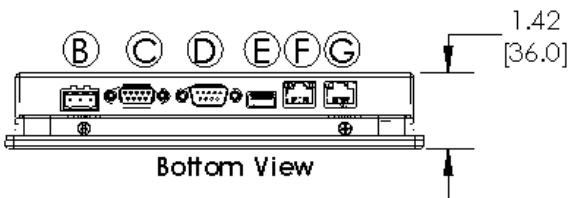


Cutout Dimensions



Rear View

A



Bottom View

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