



# HMI5070P | Advanced HMI Series

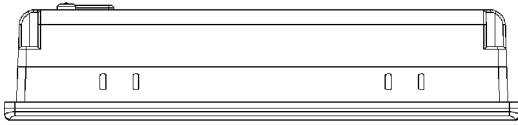
## 7" Widescreen HMI



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

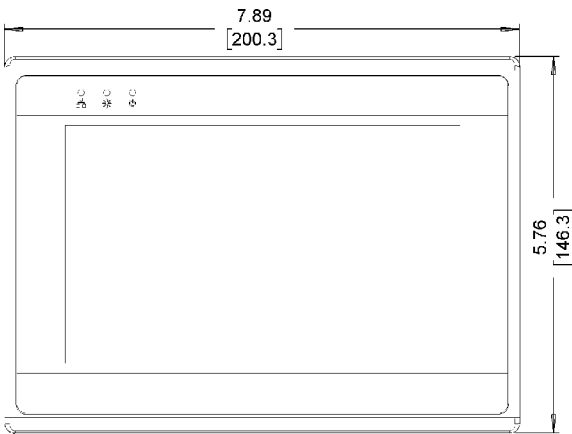


<b>System</b>	<b>CPU</b>	32-bit RISC Cortex-A8, 1 GHz
	<b>Memory (RAM)</b>	256 MB
	<b>Memory (Flash)</b>	256 MB
	<b>RTC</b>	Built-in
<b>I/O Ports</b>	<b>Serial</b>	1 x DE9P COM1: RS-232, COM3: RS-232* 1 x DE9S COM1: RS-485 2 or 4 wire, COM3: RS-485 2 wire
	<b>LAN</b>	1 x 10/100 Base-T RJ-45
	<b>CANbus</b>	Yes
	<b>USB Host</b>	1 x USB 2.0
	<b>USB Client</b>	1 x micro USB 2.0
	<b>Audio</b>	N/A
	<b>Video</b>	N/A
	<b>Wi-Fi</b>	N/A
	<b>HDMI®</b>	N/A
	<b>SD Card Slot</b>	SD/SDHC
<b>Display</b>	<b>Display Type</b>	7" TFT LCD
	<b>Size (W x H)</b>	6.04 x 3.64 inches [153 x 92 mm]
	<b>Resolution (pixels)</b>	800 x 480
	<b>Max. Colors</b>	16.7 M
	<b>Luminance (cd/m²)</b>	500
	<b>Viewing Angle (H°/V°)</b>	130/110
	<b>Contrast Ratio</b>	500:1
	<b>Backlight Lifetime (hours)</b>	30,000+
<b>Touch Screen</b>	<b>Type</b>	4-wire resistive touch
	<b>Active Area Accuracy</b>	Length (X) ± 2%, width (Y) ± 2%
<b>Electrical</b>	<b>Input Voltage</b>	24 ± 20% VDC
	<b>Input Current</b>	400 mA @ 24 VDC
	<b>Input Power</b>	9.6 W
	<b>Power Isolation</b>	Built-in
	<b>Isolation Resistance</b>	Exceed 50 MΩ at 500 VDC
<b>Mechanical</b>	<b>Enclosure</b>	Aluminum, charcoal grey
	<b>PCB Coating</b>	Yes
	<b>Dimensions (W x H x D)</b>	7.89 x 5.76 x 1.67 inches [200.3 x 146.3 x 42.9 mm]
	<b>Net Weight</b>	Approx. 1.98 lbs. [0.9 kg]
	<b>Mounting</b>	Panel mounting
<b>Environmental</b>	<b>Operating Temperature</b>	-4° ~ 122° F (-20° ~ 50° C)
	<b>Storage Temperature</b>	-4° ~ 158° F (-20° ~ 70° C)
	<b>Relative Humidity</b>	10% ~ 90% (non-condensing)
	<b>Vibration Endurance</b>	10 to 25 Hz (X, Y, Z direction, 2 G, 30 minutes)
	<b>Ratings</b>	UL Type 4X (indoor use only), NEMA 4, IP66 compliant front panel
<b>Certifications</b>	cULus, CE, RoHS	
<b>Software</b>	EBPro (v6.00.01.174 or later), EasyAccess 2.0 (optional), IIoT Ready, MQTT, Sparkplug, VNC	
<b>Notes</b>	*RTS/CTS cannot be used for COM1 RS-232 while COM3 RS-232 is in use. Specifications subject to change without notice	

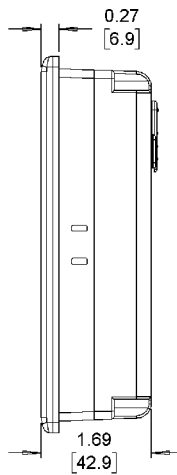


Top View

Dimensions are in inches [mm]



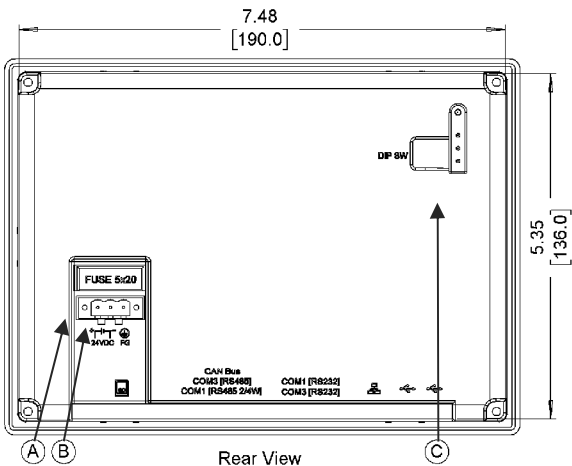
Front View



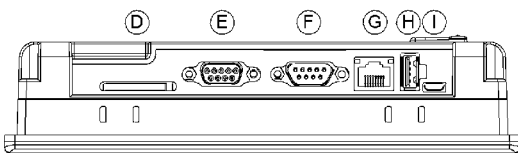
Side View



Cutout Dimensions



Rear View



Bottom View

- |   |                               |   |                     |
|---|-------------------------------|---|---------------------|
| A | Fuse                          | F | COM Port DE9P       |
| B | Power Connector               | G | Ethernet Port       |
| C | DIP Switches and Reset Button | H | USB 2.0 Host Port   |
| D | SD/SDHC Card Slot             | I | USB 2.0 Client Port |
| E | COM Port DE9S                 |   |                     |