

## 7.0" Touchscreen HMI with IIoT Features



- High Speed Screen Update
- Dual Ethernet Ports
- Built-in Edge Gateway Function
- Enhanced Graphics & Security
- Email Alarm Notification and Recipe Functionality
- PDF Reader



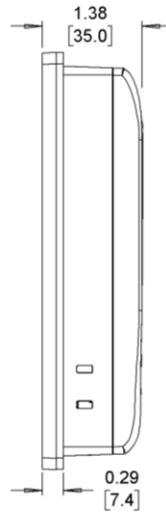
|                                     |  |  |
|-------------------------------------|--|--|
| <b>System</b>                       | <b>CPU</b>   | Quad-Core 64-bit RISC, 1.5 GHz   |
|                                     | <b>Memory (RAM)</b>  | 1 GB   |
|                                     | <b>Memory (Flash)</b>  | 4 GB   |
|                                     | <b>RTC</b>   | Built-in   |
| <b>I/O Ports</b>                    | <b>Serial</b>  | 1 x DE9P COM1: RS-232, COM3: RS-232*<br>1 x DE9S COM2: RS-485 2 or 4 wire, COM3: RS-485 2 wire |
|                                     | <b>LAN</b>   | 2 x 10/100 Base-T RJ-45  |
|                                     | <b>CANbus</b>  | N/A  |
|                                     | <b>USB Host</b>  | 1 x USB 2.0  |
|                                     | <b>USB Client</b>  | N/A  |
|                                     | <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>  | N/A  |
|                                     | <b>Display</b>   | <b>Display Type</b>  |
| <b>Size (W x H)</b>                 |  | 6.02 x 3.39 inches [153 x 86 mm]   |
| <b>Max. Resolution</b>              |  | 800 x 480  |
| <b>Max. Colors</b>                  |  | 16.7 M   |
| <b>Luminance (cd/m<sup>2</sup>)</b> |  | 400  |
| <b>View Angle (H°/V°)</b>           |  | 160/140  |
| <b>Contrast Ratio</b>               |  | 800:1  |
| <b>Touch Screen</b>                 | <b>Backlight Lifetime (Hours)</b>  | 30,000+  |
|                                     | <b>Type</b>  | 4-wire resistive touch   |
| <b>Electrical</b>                   | <b>Active Area Accuracy</b>  | Length (X) ±2%, width (Y) ±2%  |
|                                     | <b>Input Voltage</b>   | 24 ±20% VDC  |
|                                     | <b>Input Current</b>   | 820mA @ 24 VDC   |
|                                     | <b>Input Power</b>   | 19.7 W   |
|                                     | <b>Power Isolation</b>   | Built-in   |
| <b>Mechanical</b>                   | <b>Isolation Resistance</b>  | Exceed 50 MΩ at 500 VDC  |
|                                     | <b>Enclosure</b>   | Plastic, Black   |
|                                     | <b>PCB Coating</b>   | Yes  |
|                                     | <b>Dimensions (W x H x D)</b>  | 7.89 x 5.76 x 1.38 inches [200.3 x 146.3 x 35 mm]  |
|                                     | <b>Panel Cutout (W x H)</b>  | 7.56 x 5.43 inches [192.0 x 138.0 mm]  |
|                                     | <b>Net Weight</b>  | Approx. 1.32 lbs. [0.6 kg]   |
| <b>Environmental</b>                | <b>Mounting</b>  | Panel mounting   |
|                                     | <b>Operating Temperature</b>   | 32° ~ 131°F [0° ~ 55°C]  |
|                                     | <b>Storage Temperature</b>   | -4° ~ 140°F [-20° ~ 60°C]  |
|                                     | <b>Relative Humidity</b>   | 10% ~ 90% (non-condensing)   |
|                                     | <b>Vibration Endurance</b>   | 10 to 25 Hz (X, Y, Z direction, 2G, 30 minutes)  |
| <b>Software</b>                     | <b>Rating</b>  | UL Type 4X (indoor use only), NEMA 4, IP66 compliant front panel                               |
|                                     | <b>Certifications</b>  | cULus, CE, RoHS  |
| <b>Notes</b>                        | EBPro (v6.05.02 or later), EasyAccess 2.0 (optional), CODESYS (optional), IIoT Ready, MQTT, Sparkplug B, VNC, CMTViewer, Webview<br>*Only Tx and Rx may be used for COM1 RS-232 while COM3 RS-232 is in use. MPI is not supported<br>Specifications subject to change without notice |  |



Top View

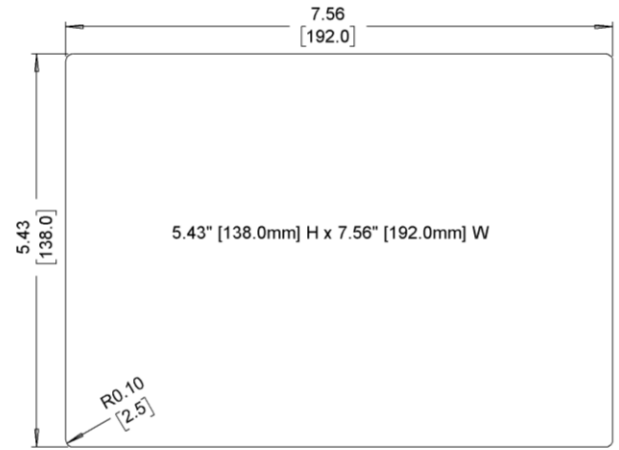


Front View

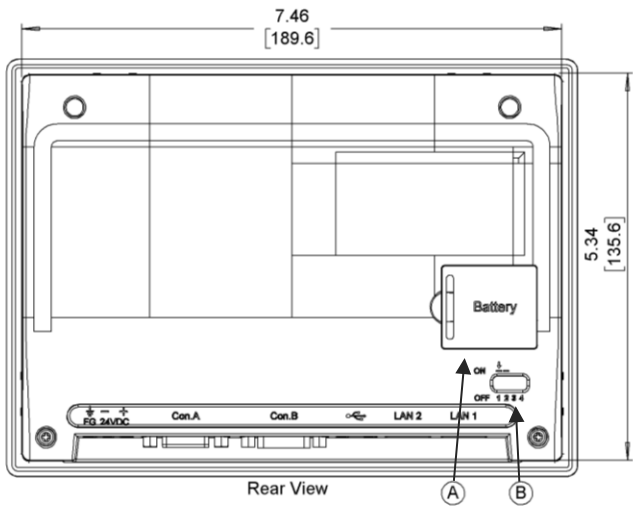


Side View

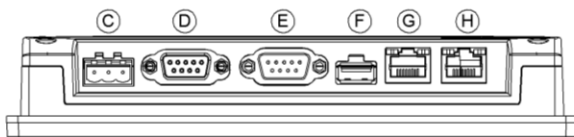
Dimensions are in inches [mm]



Cutout Dimensions



Rear View



Bottom View

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