# HMI5071L | HMI Series

## 7” Light Grey Industrial HMI

- 800 x 480 Pixel Resolution
- 600MHz RISC CPU
- Ethernet
- 2 Serial Ports

### 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, 1 x DE9S COM2: RS-485 2 or 4 wire, COM3: RS-485 2 wire
- **Ethernet**: 1 x 10/100 Base-T
- **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**: 7” TFT LCD
- **Size (W x H)**: 6.11 x 3.42 inches [155 x 87 mm]
- **Resolution (pixels)**: 800 x 480
- **Luminance (cd/m²)**: 400
- **Contrast Ratio**: 500:1
- **Max. Colors**: 16.7 M
- **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**: 450 mA @ 24 VDC
- **Power Isolation**: Built-in
- **Isolation Resistance**: Exceed 50 MΩ at 500 VDC

### Mechanical
- **Enclosure**: Plastic, light grey
- **PCB Coating**: Yes
- **Dimensions (W x H x D)**: 7.89 x 5.76 x 1.34 inches [200 x 146 x 34 mm]
- **Weight**: 1.32 lbs. [0.6 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)
- **Certifications**: cULus, CE, RoHS
- **Ratings**: IP65 compliant front panel, NEMA 4X indoor use only

### Software
- **EZwarePlus (v4.00.01 or later)**

### Notes
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Top View

Front View

Side View

Rear View

Cutout Dimensions

IMPORTANT
Dimensions are in inches [mm]. Dimensions shown are estimates, and may not work with your mounting scheme. We recommend measuring your actual cutout dimensions for a proper fit.

Bottom View

Dimensions are in inches [mm]

Fuse  Ethernet Port  USB 2.0 Host Port  Power Connector
DIP Switches  Com Port DE9P  Com Port DE9S