

HMI5070LB



**CLASS I
DIVISION 2**

**UL US
LISTED**

CE

**RoHS
Compliant**

NEMA4X

7" Dark Grey Industrial HMI

- Ultra-slim form factor
- 16 million color TFT display
- Moisture-resistant PCB coating
- Analog resistive touchscreen
- 800 x 480 resolution
- Charcoal grey enclosure
- 32 bit RISC CPU, 600MHz
- 128MB Flash memory, 128MB RAM
- Ethernet
- 2 serial ports and 1 USB host port
- Isolated power supply

A dark grey aesthetic, slim form, and affordable price make the HMI5070LB the perfect high-quality, value-priced HMI.

Maple Systems 7" HMI5070LB is a robust operator interface with a bright 800 x 480 pixel touchscreen display, high-speed 600MHz microprocessor, and 128MB of memory for graphic intensive projects. This high-quality unit comes with a dark grey enclosure for those preferring a dark-colored HMI.

The thin form factor of the HMI5070LB makes mounting in tight spots easy. In addition, a fanless design requires no extra space for cooling. This unit is rated NEMA4X/IP65, providing for peak performance in adverse conditions.

Configure the HMI5070LB to your specifications utilizing Maple Systems EZwarePlus software. Features include alarm management, batch recipes, BACnet for building automation and control networks, and much more.

Maple Systems stands behind all Graphic HMIs with a two-year warranty, complimentary technical support, and a comprehensive online support center.



HMI5070L

HMI5070LB

**Every Machine
Needs the
Human Touch**



www.maplesystems.com

HMI5070LB Specifications

Hardware

CPU Type	32-bit RISC CPU, 600MHz
Memory	128MB Flash, 128MB RAM
SD Card Slot	N/A
Ethernet Port	10/100 Base-T (RJ45)
Serial Ports	Com1: RS-232/RS-485, 2 or 4 wire Com3: RS-485, 2 wire
Audio	N/A
USB Ports	1 host 2.0 port
RTC	Built-in

Display

Type	7.0" TFT color
Size (WxH)	6.10 x 3.40 inches [155 x 86mm] 7" diagonal
Resolution (pixels)	800 x 480
Brightness (cd/m ²)	350
Contrast Ratio	500:1
Max Colors	16 million
Viewing Angle (°)	60/70/70/70 (T,B,R,L)
Backlight	LED
Backlight Longevity	30,000 hrs.

Specifications subject to change without notice.

Touchscreen

Type	4-wire analog resistive
Resolution	Continuous
Light Transmission	Above 80%
Lifespan	1 million activations minimum

Environmental

Operating Temperature	32 ~ 122°F (0 ~ 50°C)
Storage Temperature	-4° ~ 140°F (-20 ~ 60°C)
Relative Humidity	10% ~ 90% (non-condensing)
Shock (operation)	10 to 25Hz (X,Y,Z direction, 2G, 30 minutes)
Ratings	IP65, NEMA 4X compliant front panel
Certifications	Class I, Division 2, cULus, CE, RoHS

Mechanical

Enclosure	Plastic - charcoal grey
Dimensions (WxHxD)	7.89 x 5.76 x 1.34 inches [200 x 146 x 34mm]
Panel Cutout Dim. (WxH)	7.56 x 5.43 inches [192 x 138mm]
Weight	1.31 lbs [.6kg]
Mounting	Panel mount
Power Requirements	24VDC, 350mA nominal
Warranty	2 years

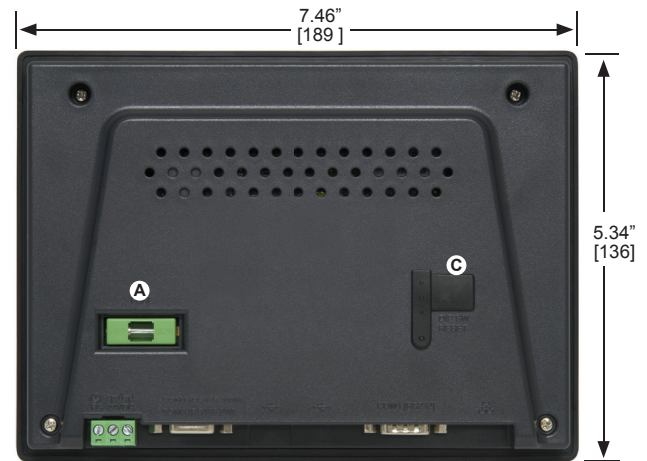
Order Number

HMI5070L	7.0" Dark Grey Graphic HMI
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Dimensions



Front View



Rear View



Bottom View

- A Fuse
- B Power Connector
- C DIP Switch & Reset Button
- D Com1, Com3 RS485
- E USB Host port
- F Com1, RS232
- G Ethernet Port 10/100

Dimensions in inches [mm]

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