

HMI5043L



Ultra-slim form factor, sleek aesthetic and affordable price point make the HMI5043L the perfect choice when you need a high-quality, value-priced HMI.

4.3" Slimline Industrial HMI

- 16 million color TFT LCD display
- Analog resistive touchscreen
- 480 x 272 resolution
- 32 Bit RISC CPU, 600MHz
- 128MB flash memory, 128MB RAM
- Moisture-resistant PCB coating
- Built-in Ethernet
- 2 serial ports
- 1 USB host port
- Two year warranty

The Maple Systems HMI5043L is a slim-form operator interface with a bright 480 x 272 pixel touchscreen display, a high speed 600MHz microprocessor and 128MB of memory for complex and graphic intensive projects.

The ultra-thin form factor of the HMI5043L makes mounting in tight spots easy and the fanless design requires no extra space for cooling. The HMI5000 Series is also NEMA4/IP65 rated, allowing for peak performance in adverse conditions.

With our EZwarePlus software package, you can configure the HMI5043L to your exacting specifications. The extensive

features of the software include alarm management, batch recipes, BACnet® for building automation and control networks and much more - all making your operator interface a more integral part of your automation control system.

Maple Systems stands behind your HMI product with a two-year warranty, complimentary technical support, an online support center, and numerous online instructional videos.



**Every Machine
Needs the
Human Touch**



www.maplesystems.com

HMI5043L Specifications

Hardware

CPU Type	32-Bit RISC CPU, 600MHz
Memory	128MB Flash, 128MB DRAM
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
USB Ports	1 Host 2.0 Port
RTC	Built-In

Display

Type	4.3" TFT Color
Size (WxH)	3.74 x 2.12 inches [95.0 x 53.9mm] 4.3" Diagonal
Resolution (pixels)	480 x 272
Brightness (cd/m ²)	500
Contrast Ratio	500:1
Max Colors	16 million
Viewing Angle (°)	50/70/70/70 (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 4 compliant front panel
Certifications	CE, RoHS, cULus

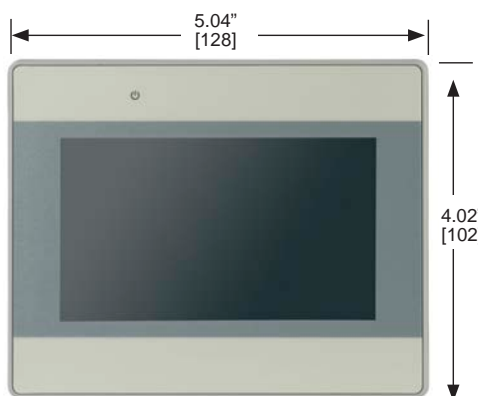
Mechanical / Electrical

Enclosure	Plastic
Dimensions (WxHxD)	5.04 x 4.02 x 1.26 inches [128 x 102 x 32mm]
Panel Cutout Dim. (WxH)	4.69 x 3.66 inches [119 x 93mm]
Weight	0.55 lb [0.25kg]
Mounting	Panel mount
Power Requirements	24VDC, 300mA maximum
Isolation Resistance	Exceed 50MΩ at 500VDC

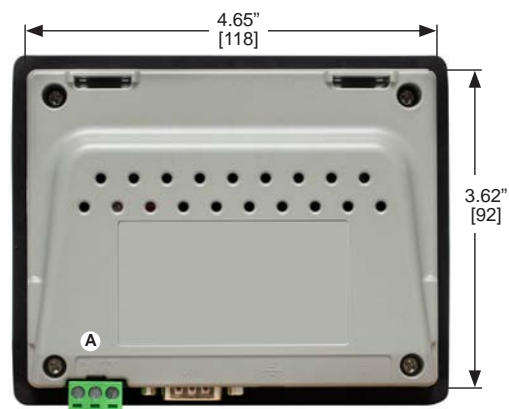
Order Number

HMI5043L	4.3" Slim Graphic HMI
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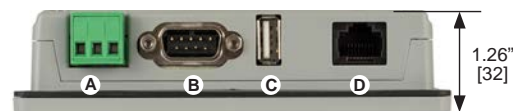
Dimensions



Front View



Rear View



Bottom View

- A Power Connector
- B Com1, Com3 RS485
- C USB Host port
- D Ethernet Port 10/100

Dimensions in inches [mm]

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