HMI5100L

CE | RoHS Compliant | c UL us LISTED

10" Slimline Industrial HMI

- **Ultra-slim form factor**
- **65,000 color TFT display**
- **Moisture-resistant PCB coating**
- **Analog resistive touchscreen**
- **800x480 resolution**
- **32 Bit RISC CPU, 600MHz**
- **128MB flash memory, 128MB RAM**
- **Built-in Ethernet**
- **2 serial ports and 1 USB host port**
- **Isolated power supply**
- **Two year warranty**

Ultra-slim form factor, sleek aesthetic and affordable price point make the HMI5100L the perfect choice when you need a high-quality, value-priced HMI.

The Maple Systems HMI5100L is a slim-form operator interface with a bright 800x480 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 HMI5100L makes mounting in tight spots easy, 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 HMI5100L 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.

10" HMI5100L   7" HMI5070L

Every Machine Needs the Human Touch

Maple Systems INC.

HMI5100L 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
Audio	N/A
USB Ports	1 Host 2.0 Port
RTC	Built-In

Display

Type	10.0″ TFT Color
Size (WxH)	8.79 x 5.25 inches [220 x 133mm] 10″ Diagonal
Resolution (pixels)	800x480
Brightness (cd/m²)	300
Contrast Ratio	500:1
Max Colors	65,536
Viewing Angle (°)	45/65/65/65 (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, NEMA4
Certifications	CE, cULus, RoHS

Mechanical

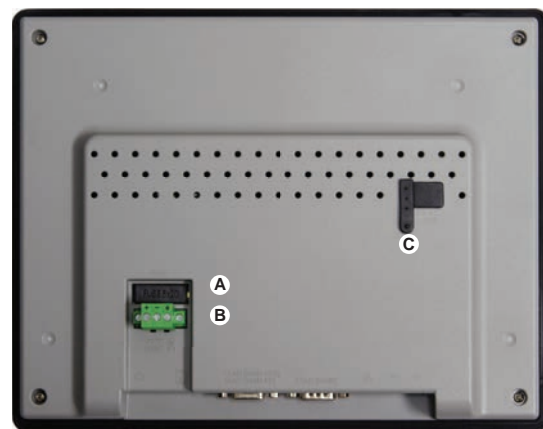|	
Enclosure	Plastic Molding
Dimensions (WxHxD)	10.67 x 8.38 x 1.57 inches [271 x 213 x 40mm]
Panel Cutout Dim. (WxH)	10.24 x 7.95 inches [260 x 202mm]
Weight	2.9 lbs [1.3kg]
Mounting	Panel mount
Power Requirements	24VDC, 400mA
Warranty	2 years

Order Number

HMI5100L	10.0″ Slim Graphic HMI

HMI5100L

Front View

Rear View

Bottom View

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

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