

Graphic HMI



Display stunning high-definition graphics on this widescreen HMI. With robust processing power, the HMI5070P delivers well for demanding projects.

The Maple Systems HMI5070P is a rugged aluminum graphic operator interface with a high resolution 800 x 480 pixel widescreen touchscreen display.

The HMI5070P has a high speed 1GHz microprocessor and large memory for complex and graphic intensive projects.

Program your HMI5070P with EZwarePlus configuration software. EZwarePlus gives you the capability to design and customize your application the way you want it. The extensive software features include alarm management, event email notification, batch recipes, data logging, BACnet for building automation and control

networks and much more - making your operator interface an integral part of your automation control system.

Maple Systems stands behind all Graphic HMIs with complimentary technical support, an online support center, and numerous online instructional videos.



15" HMI5150P

12.1" HMI5121P

7" HMI5070P

The nominal depth the HMI5070P makes mounting in tight spots easy. The fanless design requires no extra space for cooling.

HMI5070P



7" Widescreen with Ethernet

- Aluminum enclosure
- 800 x 480 pixel TFT display
- Industrial grade LCD
- Bright 16.7M colors
- Longer life LED backlight
- Analog resistive touchscreen
- 32-bit RISC Cortex-A8, 1GHz
- 256 MB Flash, 256 MB DRAM
- Built-in Ethernet, 2 serial ports, CANbus
- 1 USB host port, 1 USB client port
- 1 SD card slot
- Isolated power supply

Every Machine
Needs the
Human Touch



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HMI5070P Specifications

Hardware

CPU Type	32-bit RISC Cortex-A8, 1GHz
Memory	256MB Flash, 256MB RAM
SD Card Slot	Yes
Ethernet Port	10/100 Base-T (RJ45)
Serial Ports	Com1: RS-232/RS-485, 2 or 4 wire Com3: RS-232/RS-485, 2 wire
CANbus	Yes
Audio	Line out
USB Ports	1 host 2.0 port, 1 client 2.0 port (micro USB)
RTC	Built-in

Display

Type	7.0" TFT color
Size (WxH)	6.1 x 3.4 inches [154 x 87mm] 7" diagonal
Resolution (pixels)	800 x 480
Brightness (cd/m ²)	500
Contrast Ratio	500:1
Max Colors	16.7M
Viewing Angle (°)	50/60/65/65 (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	-4° ~ 122°F [-20° ~ 50°C]
Storage Temperature	-4° ~ 158°F [-20° ~ 70°C]
Relative Humidity	10% ~ 90% (non-condensing)
Shock (operation)	10 to 25Hz (X, Y, Z direction, 2G, 30 minutes)
Ratings	IP66, NEMA 4X compliant front panel
Certifications	cULus, CE, RoHS

Mechanical

Enclosure	Aluminum
Dimensions (WxHxD)	7.89 x 5.76 x 1.67 inches [200 x 146 x 42.5mm]
Panel Cutout Dim. (WxH)	7.55 x 5.43 inches [192 x 138mm]
Weight	1.9 lbs [0.9kg]
Power Requirement	24VDC 400mA

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