Graphic HMI

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 CPU, 600 MHz
- 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

Display stunning high-definition graphics on this 16:9 widescreen Graphic HMI — with a screen area which is 35% larger (with 5 times more pixels) than a comparable standard unit with a 4:3 aspect ratio.

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 600MHz microprocessor and large memory for complex and graphic intensive projects.

You 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 features of the software include alarm management, event email notification,

batch recipes, data logging, BACnet for building automation and control networks and much more - all making your operator interface a more integral part of your automation control system.

15" HMI5150P

12.1" HMI5121P

7" HMI5070P

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

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

Every Machine
Needs the
Human Touch

Maple Systems INC.

www.maplesystems.com

Hardware

CPU Type	32-bit RISC CPU, 600MHz
Memory	256MB Flash, 256MB DRAM
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
RTC	Built-in

Display

Type	7.0" TFT color
Size (WxH)	6.1 x 3.4 inches [154 x 87 mm] 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, NEMA4
Certifications	CE, cULus, RoHS

Mechanical

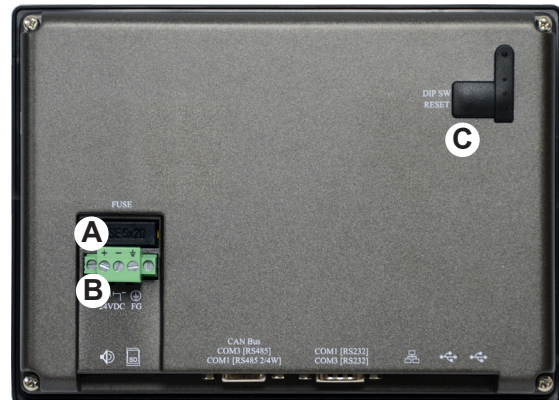|	
Enclosure	Aluminum
Dimensions (WxHxD)	7.88 x 5.76 x 1.67 inches [200 x 146 x 42 mm]
Panel Cutout Dim. (WxH)	7.55 x 5.43 inches [192 x 138 mm]
Weight	1.9 lbs [.9 kg]
Power Requirement	24VDC 400mA

Order Number

HMI5070P	7.0" Aluminum Graphic HMI

HMI5070P

Front View

Rear View

A   Fuse
B   Power Connector
C   Dip Switch
D   SD Card Slot
E   Com1 RS485, Com3 RS485, Com3 RS232
F   Com 1 RS232
G   Ethernet Port 10/100
H   USB Host
I   USB 2.0 Client
J   Audio

Bottom View

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