

# PM6120

12.1" open frame monitor with 800 x 600 display resolution, VGA + HDMI + DVI video input, 12V DC power input w/ an adapter, VESA mount, and an open frame metal enclosure.

- ▶ 12.1 inch open frame LCD monitor
- ▶ Supports 800 x 600 display resolution
- ▶ 250-nits brightness, option for 1000-nits high brightness
- ▶ VGA + HDMI + DVI input, option for VGA + HDMI + DP input
- ▶ Option for AG glass, AR glass, Resistive touch, Capacitive touch
- ▶ Option for EMI mesh shielding, UV film, sensor, digital signage
- ▶ Option for -30°C to 70°C wide working temperature
- ▶ Wall and VESA (75 x 75mm) mount ready
- ▶ 12V DC input with adapter



## Description

The PM6120 is a 12.1-inch open frame LCD monitor supporting an 800 x 600 resolution with a 250-nit LED backlight display. The monitor provides multiple video inputs including VGA, HDMI, DVI, or DP for various applications. Designed with a heavy-duty steel enclosure, the PM6120 is a cost-effective reliable monitor ideal for industrial automation, kiosk information systems, self-service, commercial, and many other POS systems. Options are available for Resistive or Capacitive touch, AG or AR glass, EMI mesh shielding, UV film, 1000-nits high brightness LCD screen, and -30°C to 70°C wide range working temperature.

## Technical Specifications

SPECIFICATION	VALUE
Material	Heavy-duty steel
LCD Panel	Size: 12.1 inch Max Resolution: 800 x 600 Brightness (cd/m <sup>2</sup> ): 250-nits / With wide temp: 350-nits Option for 1000-nits high brightness display Contrast Ratio (typ.): 600:1 Viewing Angle (H/V): 140° x 120° / With wide temp: 178° x 178° Active Area (mm): 246.0(H) x 184.5(V) Pixel Pitch: 0.3075(H) x 0.3075(V) Response Time: ≤ 35 ms Backlight: LED

*Specifications subject to change without notice.*

	Colors: 262K MTBF (hrs): 35,000
<b>LCD Enhancements (Option)</b>	Option for EMI Mesh Shielding or UV film Option for AG Glass, AR Glass, Resistive touch, Capacitive touch
<b>Video Input</b>	VGA + HDMI + DVI input Option for VGA + HDMI + DP input
<b>OSD Buttons</b>	5 x OSD buttons for Power On/Off, Auto, Up, Down, Menu Option for external OSD box
<b>Sensor (Option)</b>	Option for light sensor or motion sensor
<b>Digital Signage (Option)</b>	Option for MP-1080P
<b>Power Supply</b>	Input: 12V DC input with adapter Operation / Power Saving: 21.9 watt, < 2 watt (Support DPMS) Option for Isolated 9-36V DC-IN or 24V / 48V / 72V / 90V / 125V / 250V DC-IN
<b>Mounting</b>	Wall and VESA (75mm) mount
<b>Weight</b>	7.72 lb / 3.5 kg
<b>Dimension</b>	11.81"(W) x 10.16"(H) x 2.16"(D)
<b>Environmental</b>	Operating Temperature: 0°C to 50°C Option for -30°C to 70°C wide range working temperature Storage Temperature: -20°C to 60°C Humidity: 10% ~ 90%, non-condensation
<b>Safety</b>	FCC, CE

## Available Configurations

### LCD monitor

- 12.1" 800 by 600 LCD screen

### Power Supply

- 110/220VAC power adapter
- 12VDC power adapter
- 24VDC power adapter
- 48VDC power adapter

### Video Input

- VGA
- VGA + BNC + S-Video + Audio + remote controller

### Touch Screen

- N/A
- 12-inch resistive-type touch screen USB port
- 12-inch capacitive-type touch screen USB port
- 12-inch Project capacitive-type 2-point multi-touch screen USB port

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## Request a Quote or Learn More

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