

PMW6070

7" widescreen open frame LCD monitor with 800 x 480 display resolution, VGA + HDMI + DVI input, 12V DC input with adapter, and an open frame metal enclosure.

- ▶ 7 inch widescreen open frame LCD monitor
- ▶ Supports 800 x 480 display resolution
- ▶ 400-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 UV film, light/motion sensor, digital signage
- ▶ Option for -30°C to 80°C wide working temperature
- ▶ Wall and VESA (75 x 75mm) mount ready
- ▶ 12V DC input with adapter



Description

The PMW6070 7" open frame monitor is a reliable, cost-effective industrial solution designed for kiosk information systems, industrial automation, self-service, and commercial applications. The monitor supports 800 x 480 display resolution, VGA + DVI + HDMI input, an optional built-in touch screen for interactive applications, and a 12V DC input with an adapter. With an open frame modularized design, it provides flexible product configuration and mounting that allows you to custom design enclosures for specific applications and OEM customers.

Technical Specifications

SPECIFICATION	VALUE
Material	Heavy-duty steel
LCD Panel	Size: 7 inch Max Resolution: 800 x 480 Brightness (cd/m ²): 400-nits Option for 1000-nits high brightness Contrast Ratio (typ.): 500:1 Viewing Angle (H/V): 130° x 110° Active Area (mm): 152.40(H) x 91.44(V) Pixel Pitch (mm): 0.1905(H) x 0.1905(V) Response Time: ≤ 30ms Backlight: LED

Specifications subject to change without notice.

	Colors: 262K MTBF (hrs): 35,000
LCD Enhancements(Optional)	Option for UV film Option for AG Glass, AR Glass, Resistive touch, Capacitive touch
Video Input	VGA + HDMI + DVI input Option for VGA + HDMI + DP input
On-Screen Display	5 x OSD buttons for Power On/Off, Auto, Up, Down, Menu Option for external OSD box
Sensor (Option)	Option for light sensor or motion sensor
Digital Signage (Option)	Option for MP-1080P
Power Supply	Input: 12V DC input with adapter Operation / Power Saving: 9.625 watt, < 2 watt (Support DPMS) Option for Isolated 9-36V DC-IN or 24V / 48V / 72V / 90V / 125V / 250V DC-IN
Mounting	Wall mount and VESA (75mm) mount ready
Weight	6.61 lb / 3 kg
Dimension	7.07"(W) x 5.67"(D) x 2.29"(H)
Environmental	Operating Temperature: 0°C to 50°C Option for -30°C to 80°C wide operating temperature Storage Temperature: -20°C to 60°C Humidity: 10% ~ 90% (no condensation)
Safety	FCC, CE

Available Configurations

LCD monitor

- 7" 800 by 480 LCD screen

Sunlight readable screen

- N/A
- 700-nits high brightness LCD panel
- 1000-nits high brightness LCD panel

Video Input

- VGA
- DVI
- SV+AV

Power Supply

- 110/220AVC power adapter
- 24VDC power input

Touch Screen / protected glass

- N/A

Specifications subject to change without notice.

- AR type protected glass
- AG type protected glass
- 7-inch resistive-type touch screen
- 7-inch capacitive-type touch screen

Digital Signage - stand alone

- N/A
- MP-480P

Light or Motion sensor

- N/A
- Light sensor
- Motion sensor

Metal front bezel

- No metal front bezel
- Aluminum front bezel
- Aluminum front bezel with OSD
- Stainless steel front bezel
- IP65 rated Aluminum front bezel
- IP65 rated Stainless steel front bezel
- IP65 rated Aluminum front bezel with OSD

Request a Quote or Learn More

Contact us at info@acnodes.com or call (909) 597-7588

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