

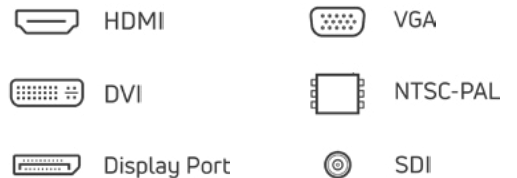
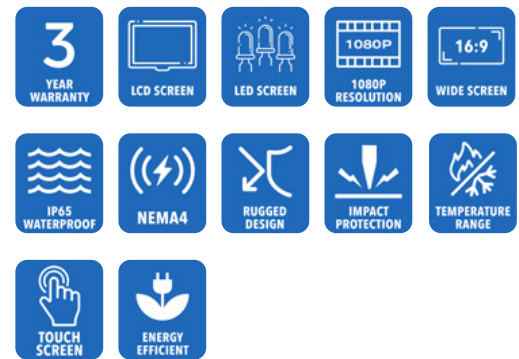


24" Industrial Grade NEMA 4 (IP65) WIDE LCD Flat Panel Display

Model PM-240

Model PM-240 is a Second Generation model and is a high-quality industrial LCD system offering NEMA 4 (IP65) level protection at the front bezel. The product boasts a 24" display size with 1920 x 1080 (1080p) or 1920 x 1200 Hi-Definition pixels (customer's choice), 300 NITS brightness and 5000:1 contrast ratio. The unit is constructed a black powder-coated gasket-sealed front bezel with "bolt" mounting.

This rugged model offers exceptional shock and vibration safeguards and its front bezel and rear housing are constructed of high grade aluminum which has been dipped in zinc-chromate and then finished with a resilient corrosive resistant thermal-set black powder-coating. This product is very ruggedly built, features long-life displays with no scheduled End Of Life. Incorporating the latest LCD and control electronics you are assured a display the will perform reliably in harsh industrial environments. Many configurations available, including our [Sun Readable SRD models](#).



Technical Specifications

General

Model:
PM-240

Display Size
24.0"

Display Type
Long-Life Industrial Grade Active Matrix TFT LCD

Backlight Technology
Solid State, Long-Life LED
[CLICK HERE](#) for more information

Brightness
300 nits (cd/m2), 500 nits (cd/m2), panel configuration dependent (high bright model also available)

Dimming Capabilities
Front Keypad (can also be configured for rear controls)

Contrast Ratio
5000:1

Aspect Ratio
16:9, 16:10, panel configuration dependent

Resolution
1920 x 1080 (1080p) – True High-Definition, 1920 x 1200 (WUXGA)

Colors Supported
16 Million

Viewing Angles
-89° / 89° Horizontal
-89° / 89° Vertical

Video Inputs
DVI, HD15 (VGA), HDMI, DisplayPort, S-Video, SDI, Composite

User Controls
Front Keypad (can also be configured for rear controls)

Optical Bonding
[Optical Bonding](#)

Protective Window
3mm Hardened Protective Window, for more information [CLICK HERE](#) (also available various optional Touch Screen Technologies)

Power Types
90 VAC to 264 VAC; 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC

Physical Attributes

Front Bezel
High Grade 6061T Aluminum, Electrochemical Anodized for added Corrosion Resistance, Black Textured Finish per Military Standards FED-STD-595

Rear Enclosure
High Grade 6061T Aluminum, Electrochemical Anodized for added Corrosion Resistance, Black Textured Finish per Military Standards FED-STD-595

Panel Mounting
10-32 Stainless mounting studs, 1/2" exposed thread

Overall Dimensions
16.6134 x 24.2674 x 3.127 in
(421.98 x 616.39 x 79.43 mm)

Cutout
15.53 x 23.08 in
(394.46 x 586.23 mm)

Weight
20 lbs (9.07 kg)

Sunlight Readability
Sunlight Readable Model Available

Warranty Period
3 Years

Environmental

Sunlight Readability
Sunlight Readable Model Available

Operating Temperature Range
-20°C to +70°C (158°F)

Storage Temperature
-30°C to 80°C (-22°F to 176°F)

Humidity

5% to 95% RH (non-condensing)

Shock

Operating: 30g's, 11ms, ½ Sine

Vibration

1g RMS 20-500Hz

EMI

FCC Class B pursuant to Part 15 of the FCC Rules

Agency Compliance

CE

Altitude

Operating 0 to 10,000 ft.
Storage 0 to 40,000 ft.

RoHS Compliant

Yes

Rating

NEMA 4 / IP65

Additional Add-On Options

Touch Screen Technology**Resistive****Multi-Touch Up to 10-Point PCAP****Hardened Armored Touch Technology****Video Input Options**

DVI, HD15 (VGA), DisplayPort, HDMI, Composite, S-Video, HD-SDI, and/or NTSC-PAL

Custom Video Modes**Extended Operational Temperature Ranges****Conformal Coating of all Internal Circuit Boards****Private Labeling Services****Customization Services****Optical Bonding****Sunlight Readable Model Available**

