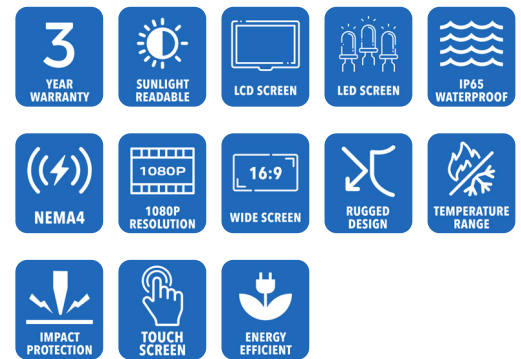# 15.6" Industrial NEMA 4 (IP65) WIDE Format Panel Mount LCD Flat Panel Monitor

Model PM-156

Model PM-156 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 Wide Format 15.6" display size with 1920×1080 (1080P) True High-Definition resolution, 400 NITS brightness (long-life LED backlight) and 1500:1 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 areas. Many configurations available, including Sun Readable LCD models.

Feature Icons: 3 YEAR WARRANTY · SUNLIGHT READABLE · LCD SCREEN · LED SCREEN · IP65 WATERPROOF · NEMA4 · 1080P RESOLUTION · 16:9 WIDE SCREEN · RUGGED DESIGN · TEMPERATURE RANGE · IMPACT PROTECTION · TOUCH SCREEN · ENERGY EFFICIENT

Connectivity: HDMI · VGA · DVI · NTSC-PAL · Display Port · SDI

Technical Specifications

General

Model:
PM-156

Display Size
15.6"

Display Type
Long-Life Industrial Grade Active Matrix TFT LCD

Backlight Technology
Solid State, Long-Life LED
CLICK HERE for more information

Brightness
400 nits (cd/m2)

Dimming Capabilities
User Keypad (standard); Optional: Manual Full-Range, Automatic Dimming, or Remote Dimming

Contrast Ratio
400:1

Aspect Ratio
16:9

Resolution
1920 x 1080 (1080p)

Colors Supported
16.7M (8-bit/color)

Viewing Angles
-85° to 85° Horizontal
-85° to 85° 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
See Drawing

Cutout
See Drawing

Weight
15 lbs. (6.8 Kg)

Sealability
Gasket-Sealed

Sunlight Readability
The latest optical technology for high ambient light conditions

Warranty Period
3 Years

Environmental

Sunlight Readability
The latest optical technology
for high ambient light conditions

Operating Temperature Range
-20°C to 75°C (-4°F to 167°F)

Storage Temperature
-20°C to 80°C (-4°F to 176°F)

Humidity
5% to 95% RH (non-condensing)

Shock
Operating: 30g's, 11ms, ½ Sine

Vibration
1g RMS 20-500Hz

Fasteners
Vibration-proof, self-locking,
fastener system

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**
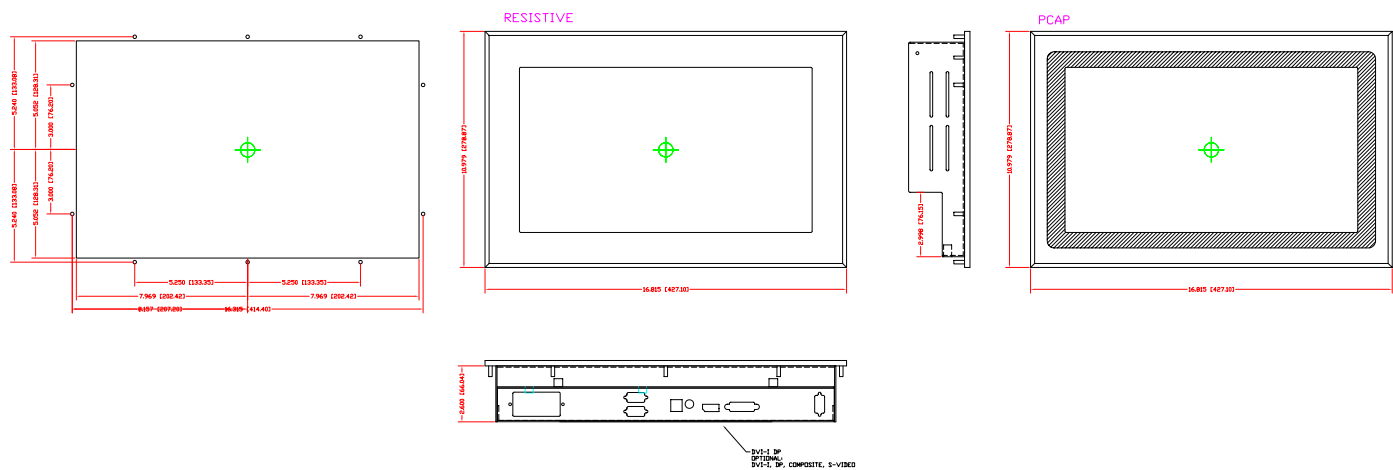
**Conformal Coating of all
Internal Circuit Boards**

Private Labeling Services

Customization Services

**NEMA 4X (IP66) Stainless
Steel Front Bezel**

**Sunlight Readable Model
Available**

Mechanical Drawings

RESISTIVE

PCAP

DVI-I DP
OPTIONAL:
DVI-I, DP, COMPOSITE, S-VIDEO

These technical and mechanical resources are subject to change without notice.