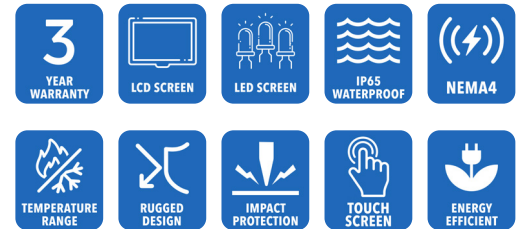# 10.4" Industrial Grade NEMA 4 (IP65) Panel Mount LCD Flat Panel Display

Model PM-104

Model PM-104 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 10.4" display size with 1024 x 768 pixels, 400 NITS brightness (long-life LED backlight) and 1400:1 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.

Icons: 3 YEAR WARRANTY · LCD SCREEN · LED SCREEN · IP65 WATERPROOF · NEMA4 · TEMPERATURE RANGE · RUGGED DESIGN · IMPACT PROTECTION · TOUCH SCREEN · ENERGY EFFICIENT

HDMI   VGA

DVI   Display Port

Technical Specifications

General

Model:
PM-104

Display Size
10.4"

Display Type
Long-Life Industrial Grade Active Matrix TFT LCD

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

Optical Films Enhancements
Optical Bonding

Brightness
400 nits (cd/m2)

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

Contrast Ratio
1400:1

Aspect Ratio
4:3

Resolution
1024 x 768 (XGA) Native

Colors Supported
16 Million

Viewing Angles
-89° to 89° Horizontal
-89° to 89° Vertical

Video Inputs
DVI, HD15 (VGA), HDMI, DisplayPort

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

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
9.045 x 11.61 x 1.05 in
(229.743 x 280.949 x 26.67mm)

Cutout
See Drawing

Sealability
Gasket-Sealed

Sunlight Readability
The latest optical technology for high ambient light conditions

Warranty Period
1 Year

Environmental

Sunlight Readability
Sunlight Readable Model Available

Operating Temperature Range
-30°C to 85°C (-22°F to 185°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

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, and/ or HDMI

Custom Video Modes

Extended Operational Temperature Ranges
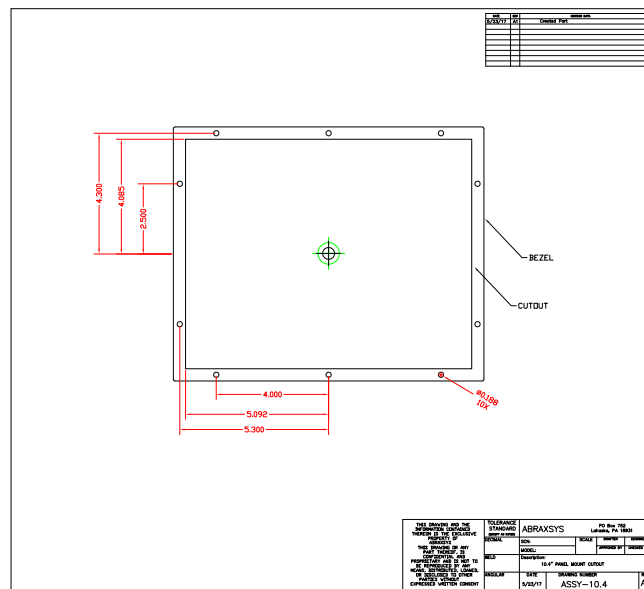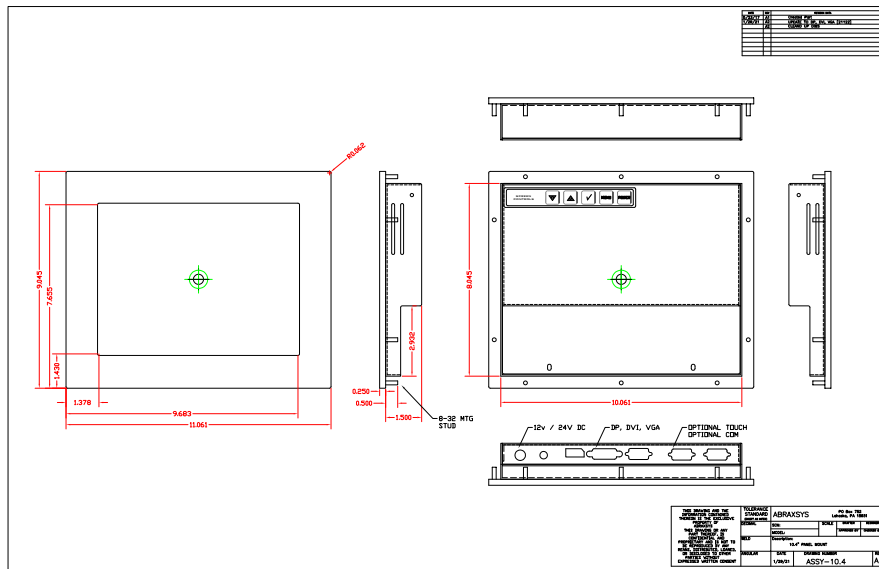
Conformal Coating of all Internal Circuit Boards

Private Labeling Services

Customization Services

NEMA 4X (IP66) Stainless Steel Front Bezel

Sunlight Readable Model Available

Mechanical Drawings

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