



AbraxSys
RUGGED LCD SOLUTIONS

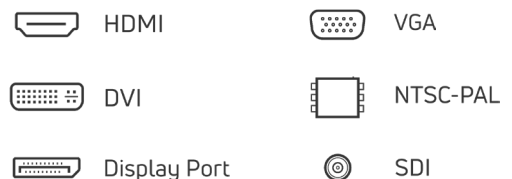
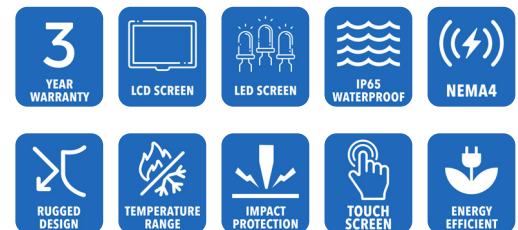
15" NEMA 4 (IP65) Industrial Panel Mount LCD Monitor

Model PM-150

Model SRD-PM-150 is a true Daylight Readable high-quality industrial IPS LCD system offering NEMA 4 (IP65) level protection at the front bezel. The product boasts a 15" display size with 1024 x 768 pixels, 1100 nits (optional 1600 nits available) and 800:1 contrast ratio. This industrial grade Sunlight Readable NEMA 4 IP65 LCD IPS (in-plane switching) monitor is designed for use throughout a wide range of harsh outdoor applications. These rugged LCD displays are rigorously tested to ensure compliance with various industry standards and are engineered to withstand the effects of severe environments such as water, dust and dirt intrusion. These products perform well beyond ordinary 'commercial' type monitors. AbraxSys' high bright Sunlight Readable LCDs are ideal for use in any high ambient light condition, and will give you the intensity and brilliance your application requires.

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.

For systems configured with Projective Capacitive Touch Screen, the unit is fitted with an extra heavy duty .375" thick bezel. The front touch surface is optically bonded 2-point multi-touch glass for wear resistance and is flush with the front surface of the bezel for easy cleaning and NO pooling of liquids on or near the touch surface so touch conflict is eliminated.



Technical Specifications

General

Model:

PM-150

Display Size

15.0"

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

Boosts efficiency of the backlight's light utilization and minimizes the surface reflection of ambient light. The result is a transmissive enhancement that features higher contrast and a wider range of colors, even in bright outdoor light, than traditional reflective LCDs.

Brightness

500 nits (cd/m²)

Dimming Capabilities

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

Contrast Ratio

Exceptional 2500:1

Aspect Ratio

4:3

Resolution

1024 x 768 (XGA) Native

Colors Supported

16.7 Million (8-bit/color)

Viewing Angles

-88° to 88° Horizontal
-88° to 88° 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

Optional Optical Bonding of Front Protective Glass or Touch Screen Window (for more information about its benefits [CLICK HERE](#))

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

13.64 x 16.50 x 2.60 in
(346.45 x 419.10 x 66.04mm)

Cutout

12.2 x 15.06 in
(309.88 x 382.53mm)

Weight

13.2 lbs. (5.9 kg)

Sealability

NEMA 4 (IP65)

Sunlight Readability

The latest optical technology for high ambient light conditions

Warranty Period

3 Years

Environmental

Sunlight Readability

Sunlight Readable Model Available

Operating Temperature Range

-30°C to 70°C (-22°F to 158°F)

Storage Temperature

-40°C to 85°C (-40°F to 185°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 2-Point Resistive

Multi-Touch Up to 10-Point PCAP

Hardened Armored Touch Technology

Video Input Options

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

Custom Video Modes

Extended Operational Temperature Ranges

Conformal Coating of all Internal Circuit Boards

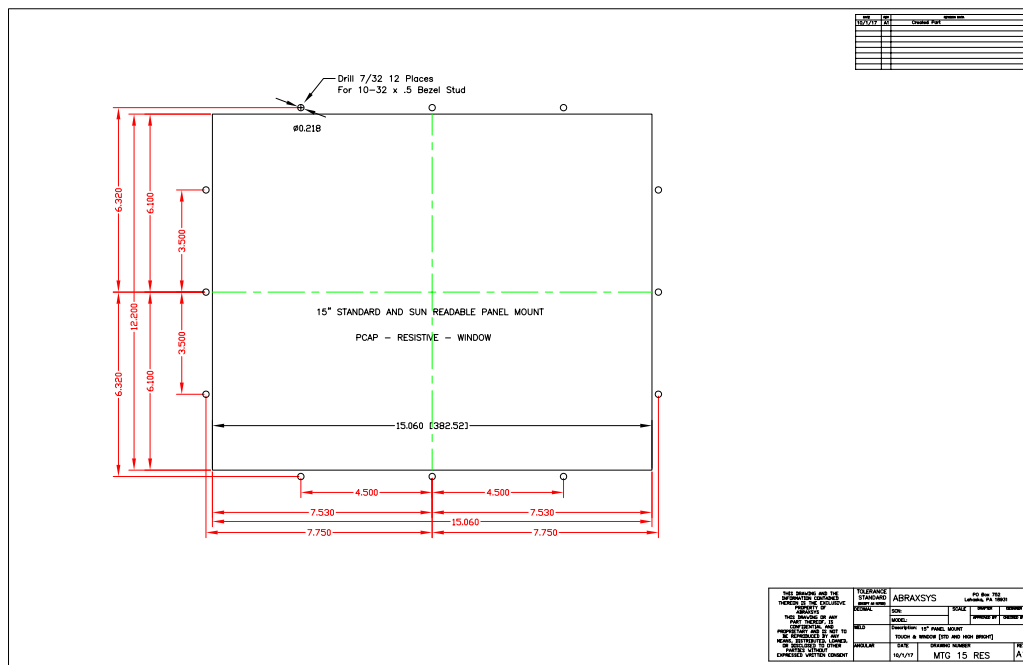
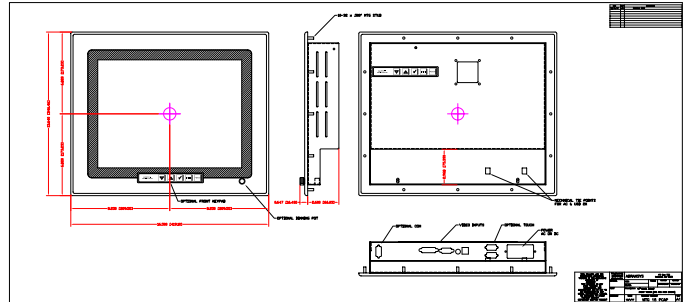
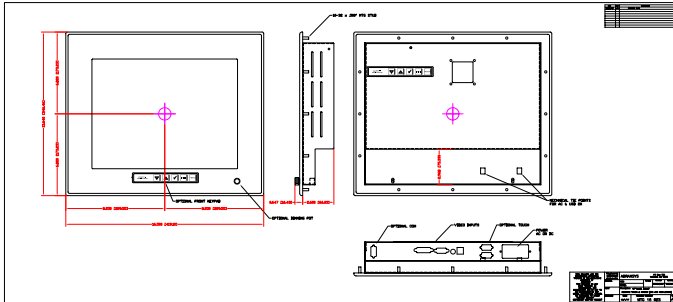
Private Labeling Services

Customization Services

NEMA 4X (IP66) Stainless Steel Front Bezel

Sunlight Readable Model Available

Mechanical Drawings



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



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