15" Sunlight Readable Industrial IP65 (NEMA 4) LCD Display Monitor

Model SRD-PM-150

Model PM-150 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 15" display size with 1024 x 768 pixels, 500 nits brightness (long-life LED backlight) and Exceptional 2500:1 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.

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.

3 YEAR WARRANTY | SUNLIGHT READABLE | IP65 WATERPROOF | NEMA4 | LCD SCREEN

LED SCREEN | TEMPERATURE RANGE | RUGGED DESIGN | IMPACT PROTECTION | TOUCH SCREEN

ENERGY EFFICIENT

HDMI   VGA

DVI   NTSC-PAL

Display Port   SDI

Technical Specifications

General

Model:
SRD-PM-150

Display Size
15.0"

Display Type
Long-Life Industrial Grade Active Matrix TFT LCD

Backlight Technology
IPS (In-Plane Switching technology) panel, for more information CLICK HERE

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
1600 nits (cd/m2)

Dimming Capabilities
Deep Dimming Down to Black

Contrast Ratio
800:1

Aspect Ratio
4:3

Resolution
1024 x 768 (XGA) Native

Colors Supported
16.7 Million (8-bit/color)

Viewing Angles
-80° to 80° Horizontal
-70° to 80° Vertical

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

User Controls
Front Keypad (can also be configured for rear controls, or Manual Full-Range Dimming Turn Pot, Automatic Dimming Sensor, or Remote Dimming), Deep Dimming Down to Black

Optical Bonding
Optional Optical Bonding of Front Protective Glass or Touch Screen Window

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 4X (IP66)

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
-30°C to 80°C (-22°F to 176°F)

Storage Temperature
-30°C to 85°C (-22°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 Up to 10-Point PCAP

**Hardened Armored Touch
Technology**

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

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**

Customization Services

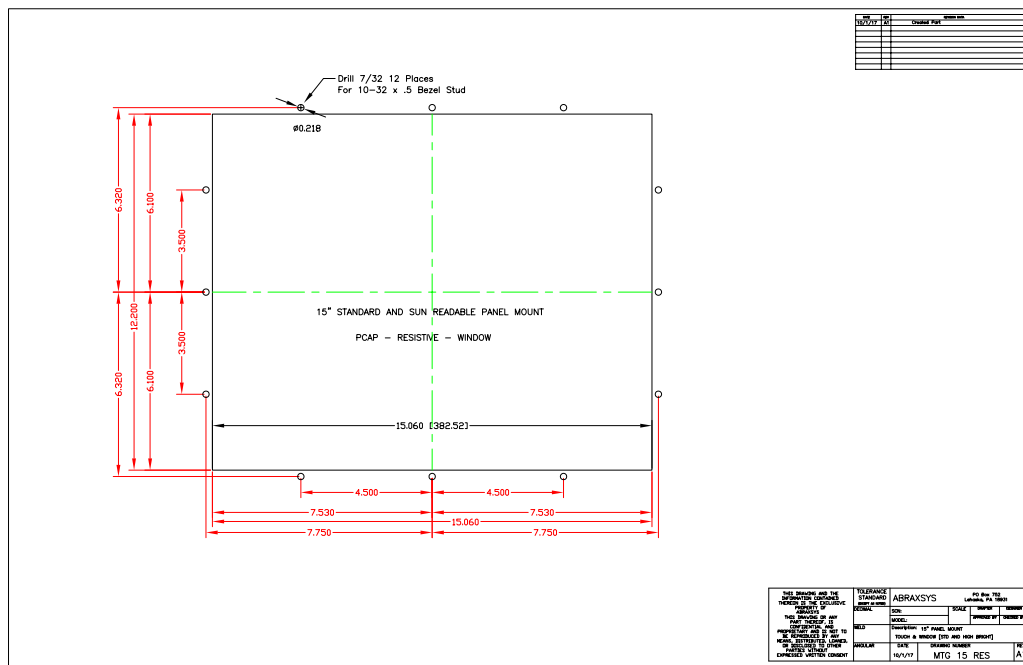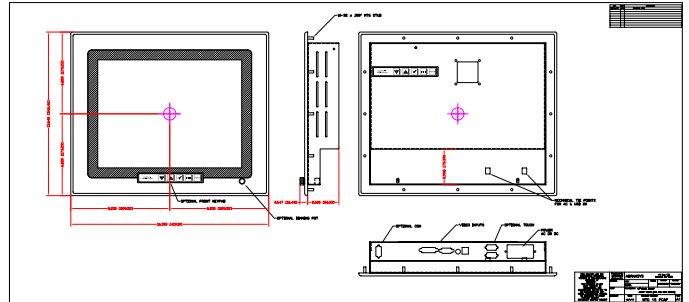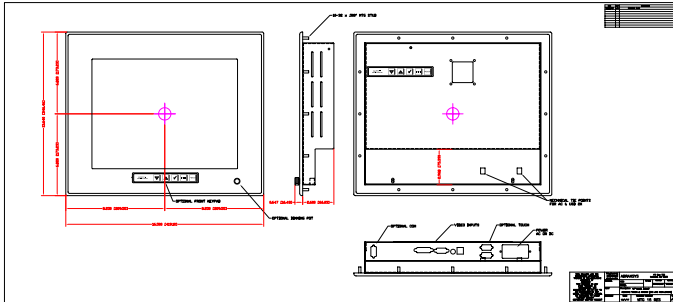**Dimming Capabilities**
Standard, or Optional Full-Range
Manual Turn-Pot, Automatic
Dimming Sensor, Remote Dimming

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

Private Labeling Services

Mechanical Drawings

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