



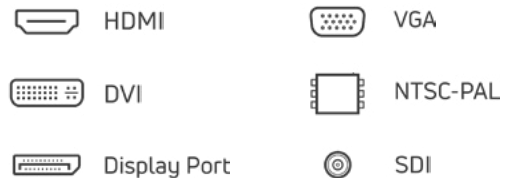
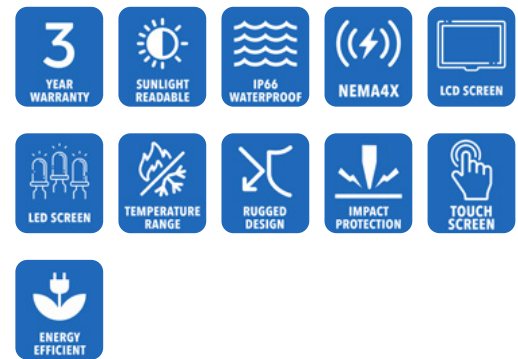
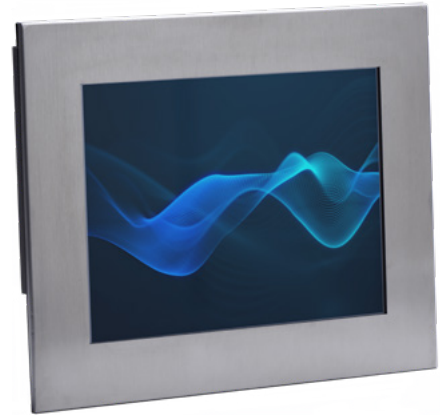
**AbraxSys**  
RUGGED LCD SOLUTIONS

# 15" Sunlight Readable Industrial Grade IP66 (NEMA 4X) LCD Flat Panel Display

**Model SRD-PS-150**

AbraxSys Sunlight Readable Industrial LCD Flat Panel Displays are ideally suited for various harsh environments where dust, dirt, moisture, splashing water, hose directed spray, and various other caustic contaminants like oil, chemicals, etc.

Model SRD-PS-150 is a true Daylight Readable high-quality industrial LCD system offering NEMA 4X (IP66) 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 4X IP66 LCD TFT 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.



# Technical Specifications

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## General

**Model:**

SRD-PS-150

**Display Size**

15.0"

**Display Type**

Long-Life Industrial Grade LCD

**Backlight Technology**

Solid State, Long-Life LED, with Light Source Redundancy

**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/m<sup>2</sup>)

**Dimming Capabilities**

Deep Dimming Down to Black

**Contrast Ratio**

800:1

**Aspect Ratio**

4:3

**Resolution**

1024 x 768 (XGA) Native

**Colors Supported**

16.2M

**Viewing Angles**

-80° / 80° Horizontal  
-70° / 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)

**Protective Window**

3mm Sparkle Free Front Protective Impact Window or Projected Capacitive Touch Screen

**Power Types**

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

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## Physical Attributes

**Front Bezel**

Gasket-Sealed Stainless Steel

**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

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## 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 4X / IP66

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## Additional Add-On Options

**Touch Screen Technology****Resistive****Hardened Armored Touch Technology****Video Input Options**

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

**Custom Video Modes****Power Type Choices**

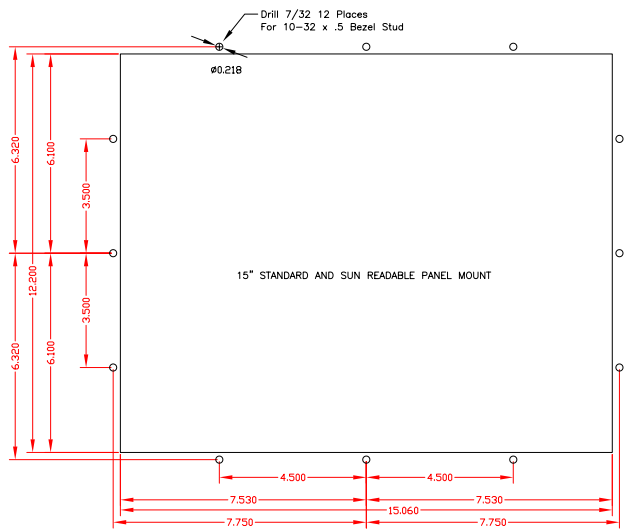
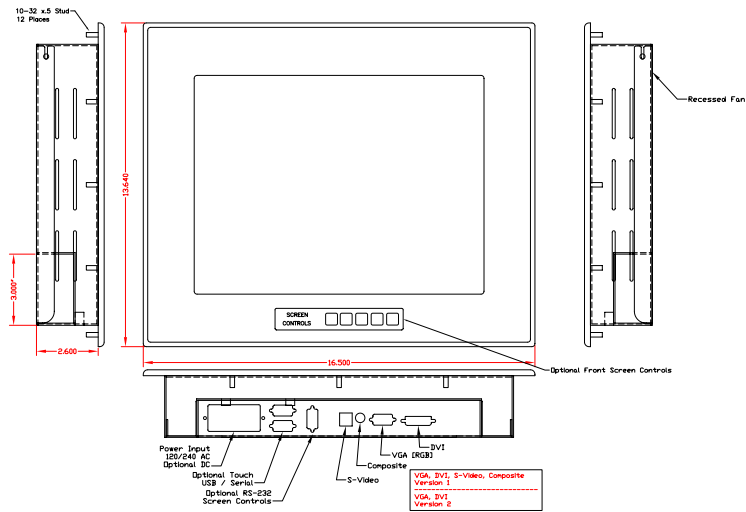
90 VAC to 264 VAC; 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC

**Extended Operational Temperature Ranges****Private Labeling Services****Customization Services****Dimming Capabilities**

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

**NEMA 4 IP65 Black Powder-Coated Aluminum Front Bezel****Conformal Coating of all Internal Circuit Boards**

# Mechanical Drawings



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



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