

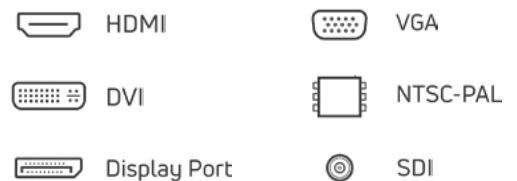


15.6" Sunlight Readable Industrial Grade Wide Video Format NEMA 4X (IP66) Rugged Panel Mount LCD Monitor

Model SRD-PS-156

Model SRD-PS-156 LCD monitor is a wide operational temperature capable (-30°C to 75°C (-22°F to 167°F) Sunlight Readable High Brightness 1500 nits (cd/m2) panel mount NEMA 4X (IP66) rated product and utilizes the latest 15.6" TFT Flat Panels, Full-High Definition 1920 x 1080. The front bezel is made of Gasket-Sealed Stainless Steel and the rear enclosure is high grade aluminum, Zinc-Chromate dipped, corrosion resistant thermoset black powder-coating. AbraxSys has added a versatile Analog-Digital interface board, backlight inverter and OSD controls. All elements, including a toughened glass protective screen have been packaged in a compact, rugged metal housing. The result is a rugged panel mount display, ready for integration as part of any system; as an analog monitor, or a touchscreen driven human-machine interface.

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

General

Model:

SRD-PS-156

Display Size

15.6"

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

1500 nits (cd/m²)

Dimming Capabilities

Deep Dimming Down to Black

Contrast Ratio

750:1

Aspect Ratio

16:9

Resolution

1920 x 1080 (1080p)

Colors Supported

16.7M (8-bit/color)

Viewing Angles

-88° / 88° Horizontal

-88° / 88° 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, 20 to 53V DC

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

Weight

15 lbs. (6.8 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 75°C (-22°F to 167°F), Extended Operational Temperature Ranges Available

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 4X / IP66

Additional Add-On Options

Touch Screen Technology**Resistive****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

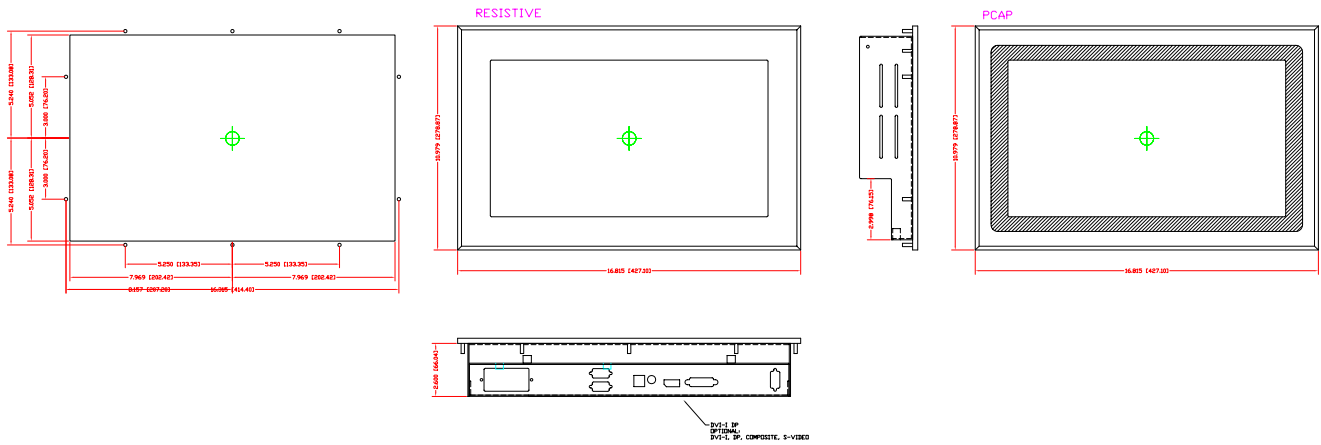
DVI, HD15 (VGA), DisplayPort, HDMI, Composite, S-Video, SDI, and/or NTSC-PAL

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 4 IP65 Black Powder-Coated Aluminum Front Bezel**Private Labeling Services**

Mechanical Drawings



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



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RUGGED LCD SOLUTIONS

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