



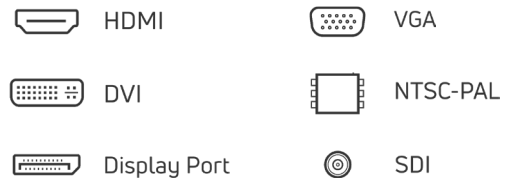
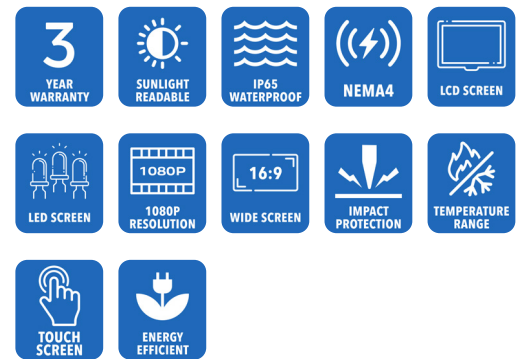
AbraxSys
RUGGED LCD SOLUTIONS

15.6" Sunlight Readable Industrial Grade Wide Video Format NEMA 4 (IP65) Rugged Panel Mount LCD Monitor

Model SRD-PM-156

Model SRD-PM-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 4 (IP65) rated product and utilizes the latest 15.6" TFT Flat Panels, Full-High Definition 1920 x 1080. The enclosure is constructed of milled 6061 Grade Aluminum which has been Zinc-Chromate Dipped then treated with Corrosion Resistant Thermoset UV-stable 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 4 IP65 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-PM-156

Display Size
15.6"

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
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° to 88° Horizontal
-88° to 88° Vertical

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

User Controls
Multi-Functional User Keypad

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

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

Cutout
15 lbs. (6.8 kg)

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 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 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

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

Custom Video Modes

Extended Operational Temperature Ranges

Conformal Coating of all Internal Circuit Boards

Dimming Capabilities

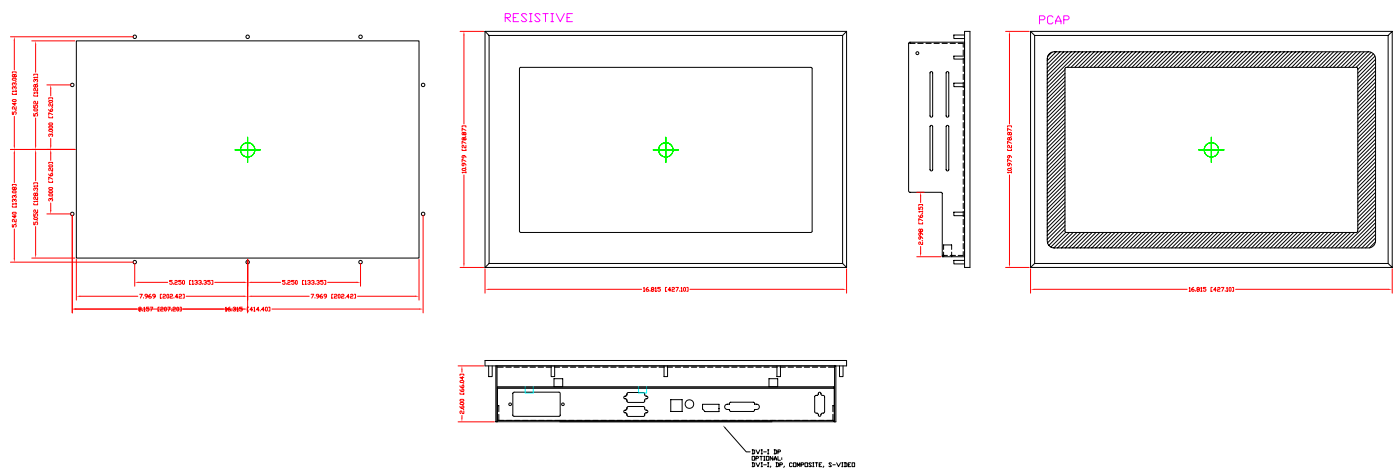
Standard, or Optional Full-Range
Manual Turn-Pot, Automatic
Dimming Sensor, Remote Dimming

NEMA 4X IP66 Stainless Steel Front Bezel

Customization Services

Private Labeling Services

Mechanical Drawings



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



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