17" Sunlight Readable Industrial Grade NEMA 4X (IP66) Panel Mount LCD Monitor

Model SRD-PS-170

AbraxSys Daylight 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-170 is a high-quality Sunlight Readable industrial LCD system offering NEMA 4X (IP66) level protection at the front bezel. The product boasts a 17" display size with 1280 x 1024 pixels, 1200 nits brightness (long-life LED backlight) and 1000:1 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.

3 YEAR WARRANTY	SUNLIGHT READABLE	IP66 WATERPROOF	NEMA4X	LCD SCREEN
LED SCREEN	TEMPERATURE RANGE	RUGGED DESIGN	IMPACT PROTECTION	TOUCH SCREEN
ENERGY EFFICIENT				

HDMI	VGA
DVI	NTSC-PAL
Display Port	SDI
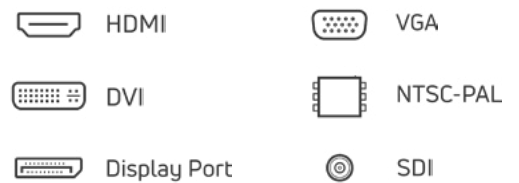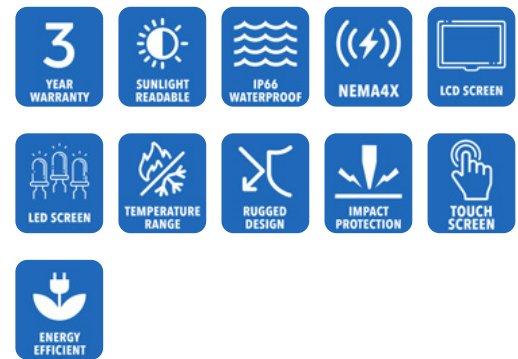
Technical Specifications

General

Model:
SRD-PS-170

Display Size
17.0"

Display Type
Long-Life Industrial Grade 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

1200 nits (cd/m2)

Contrast Ratio
1000:1

Aspect Ratio
5:4

Resolution
1280 x 1024 (SXGA) Native

Colors Supported
16.7M (8-bit/color)

Viewing Angles
-89° / 89° Horizontal
-89° / 89° Vertical

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

User Controls
or Remote Dimming, or Manual Full-Range Dimming Turn Pot, Automatic Dimming Sensor, Rear Keypad (can also be configured for rear controls

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

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

Overall Dimensions
15.88 x 13.34 x 2.08 in
(403.4 x 338.8 x 52.8 mm)

Cutout
13.56 x 16.56 in
(344.4 x 420.6 mm)

Weight
18 lbs. (8.1 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 70°C (-22°F to 158°F)

Storage Temperature
-30°C to 70°C (-22°F to 158°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), HDMI, DisplayPort, NTSC-PAL, Composite, S-Video, and/or SDI

Extended Operational Temperature Ranges

Conformal Coating of all Internal Circuit Boards

Custom Video Modes

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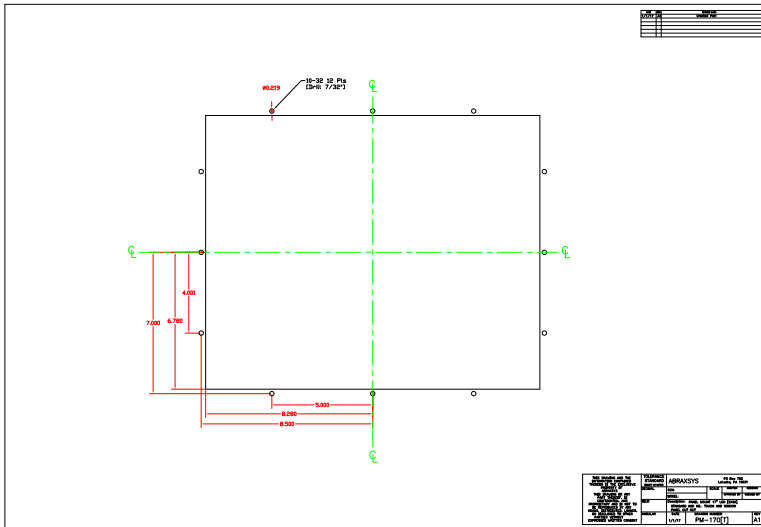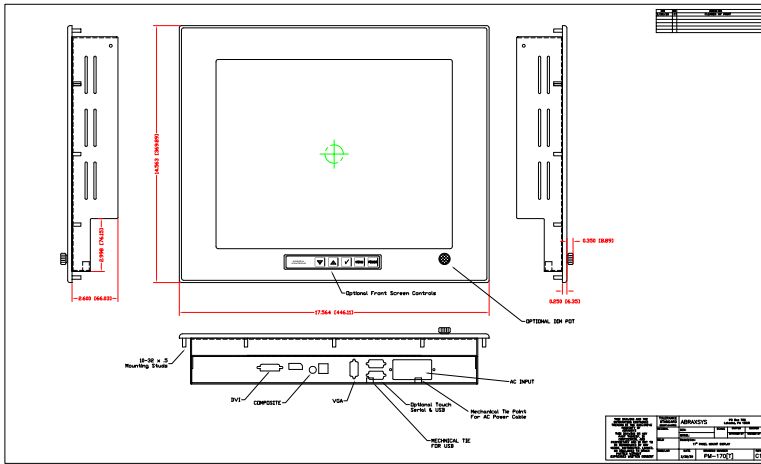
These technical and mechanical resources are subject to change without notice.