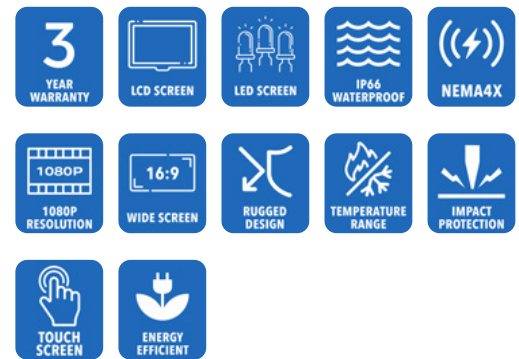# 15.6" Industrial Water-Proof WIDE Format NEMA 4X Panel Mount LCD

Model PS-156

Model PS-156 is a high-quality industrial LCD system offering NEMA 4X (IP66) level protection at the front bezel. The product boasts a 15.6" Wide AbraxSys Industrial Grade NEMA 4X IP66 Waterproof LCD Flat Panel MonitorsFormat display size with 1920×1080 (1080P) True High-Definition , 300 NITS brightness (long-life LED backlight) and 1500:1 contrast ratio. The unit is constructed of a stainless steel gasket-sealed front bezel with "bolt" mounting and its rear housing is constructed of 6061 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, light emitting diodes (LED) backlighting, and control electronics you are assured a display the will perform reliably in harsh industrial environments.

3 YEAR WARRANTY | **LCD SCREEN** | **LED SCREEN** | **IP66 WATERPROOF** | **NEMA4X**

1080P RESOLUTION | **16:9 WIDE SCREEN** | **RUGGED DESIGN** | **TEMPERATURE RANGE** | **IMPACT PROTECTION**

TOUCH SCREEN | **ENERGY EFFICIENT**

HDMI   VGA

DVI   NTSC-PAL

Display Port   SDI

Technical Specifications

General

Model:
PS-156

Display Size
15.6"

Display Type
Long-Life Industrial Grade LCD

Backlight Technology
Solid State, Long-Life LED –
CLICK HERE for more information

Brightness
400 nits (cd/m2)

Dimming Capabilities
Rear Keypad

Contrast Ratio
1500:1

Aspect Ratio
16:9

Resolution
1920 x 1080 (1080p)

Colors Supported
16.7M (8-bit/color)

Viewing Angles
-85° / 85° Horizontal
-85° / 85° Vertical

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

User Controls
Rear Keypad

Optical Bonding
Optical Bonding

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
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
See Drawing

Cutout
See Drawing

Weight
15 lbs. (6.8 Kg)

Sealability
Gasket-Sealed

Sunlight Readability
Sunlight Readable
Model Available

Warranty Period
3 Years

Environmental

Sunlight Readability
Sunlight Readable Model Available

Operating Temperature Range
-20°C to 75°C (-4°F to 167°F),
Extended Operational Temperature
Ranges Available

Storage Temperature
-20°C to 80°C (-4°F to 176°F)

Humidity
5% to 95% RH (non-condensing)

Shock
Operating: 30g's, 11ms, ½ Sine
Non-Operating: 200G, 2ms, half
sine wave, 1 time for ± X, ± Y, ± Z.

Vibration
1g RMS 20-500Hz

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
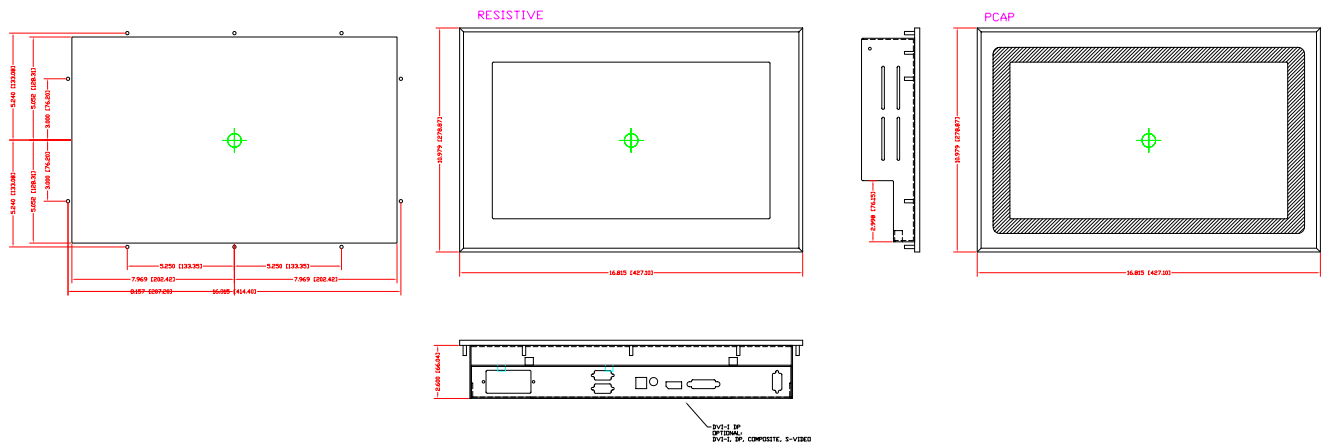
Hardened Armored Touch
Technology

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

Custom Video Modes

Extended Operational
Temperature Ranges

Conformal Coating of all
Internal Circuit Boards

Private Labeling Services

Customization Services

NEMA 4 IP65 Black Powder-
Coated Aluminum Front Bezel

Sunlight Readable
Model Available

Mechanical Drawings

RESISTIVE

PCAP

DVI-I DP
OPTIONAL:
DVI-I, DP, COMPOSITE, S-VIDEO

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