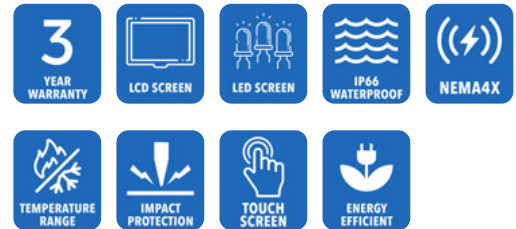# 15" Waterproof Industrial NEMA 4X (IP66) Panel Mount Flat Panel LCD

Model PS-150

Model PS-150 is a Second Generation model and is a 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, 500 nits (long-life LED backlight) and Exceptional 2500:1 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.

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

HDMI	VGA
DVI	NTSC-PAL
Display Port	SDI

Technical Specifications

General

Model:
PS-150

Display Size
15.0"

Display Type
Long-Life Industrial Grade LCD

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

Brightness
500 nits (cd/m2)

Dimming Capabilities
Rear Keypad

Contrast Ratio
Exceptional 2500:1

Aspect Ratio
4:3

Resolution
1024 x 768 (XGA) Native

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
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
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
Gasket-Sealed

Sunlight Readability
Sunlight Readable
Model Available

Warranty Period
3 Years

Environmental

Sunlight Readability
Sunlight Readable Model Available

Operating Temperature Range
-10°C to 50°C (14°F to 122°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
30g's, 11ms, ½ Sine

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
NEMA 4 – IP65**

Resistive

Multi-Touch 2-Point Resistive

Projected Capacitive (PCAP)

Multi-Touch Up to 10-Point PCAP

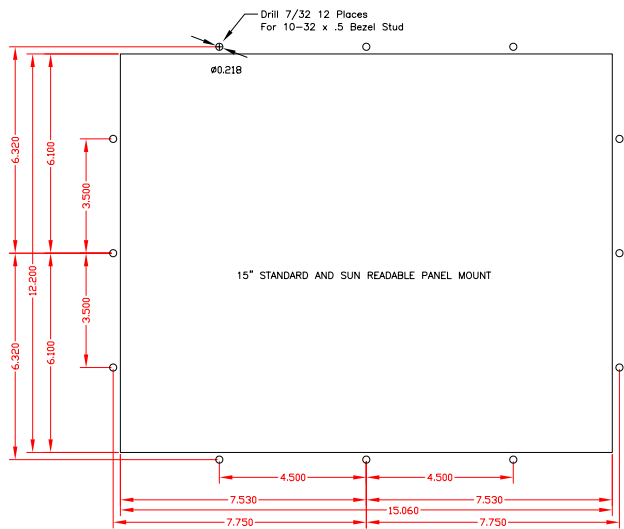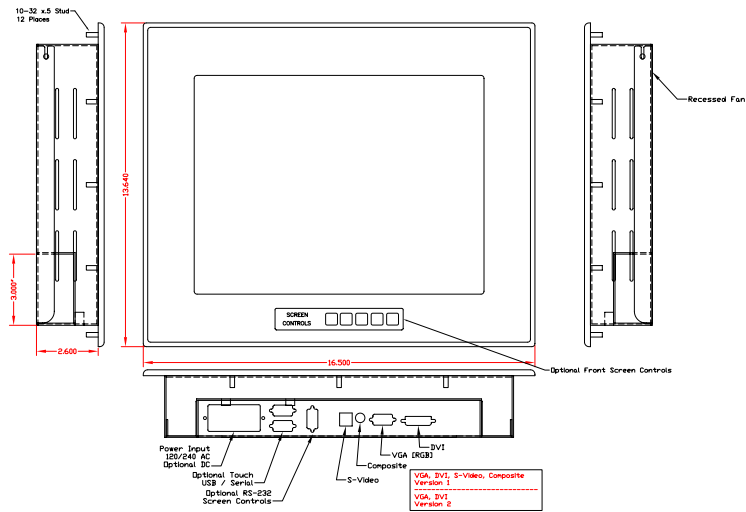**Hardened Armored Touch Technology**

Video Input Options
DVI, HD15 (VGA), DisplayPort, HDMI, Composite, S-Video, 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

Recessed Fan

10-32 x.5 Stud
12 Places

13.640

3.000

2.600

16.500

SCREEN CONTROLS

Optional Front Screen Controls

Power Input
120/240 AC
Optional DC

Optional Touch
USB / Serial

Optional RS-232
Screen Controls

S-Video

Composite

VGA [RGB]

DVI

VGA, DVI, S-Video, Composite
Version 1

VGA, DVI
Version 2

Drill 7/32 12 Places
For 10-32 x .5 Bezel Stud

Ø0.218

6.320
6.100
3.500

12.200

3.500
6.320
6.100

15" STANDARD AND SUN READABLE PANEL MOUNT

4.500   4.500

7.530   7.530

15.060

7.750   7.750

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

AbraxSys
RUGGED LCD SOLUTIONS

(800) 883-9050

info@abraxsyscorp.com

www.abraxsyscorp.com

6161 Keller's Church Road, Units 6151B, 6161A, 6161B, 6171A & 6171B
Pipersville, Pennsylvania 18947 U.S.A.