



AbraxSys
RUGGED LCD SOLUTIONS

8.4" Industrial Waterproof NEMA 4X Panel Mount LCDs

Model PS-084

Model PS-084 is a high-quality industrial LCD system offering NEMA 4X (IP66) level protection at the front bezel. The product boasts a 8.4" display size with 800 x 600 pixels, 500 NITS brightness and 600:1 contrast ratio. The unit is constructed of an all steel nickel plated rear chassis design and stainless steel gasket-sealed front bezel. Model PS-084 rugged panel mount display is designed to provide hassle free and easy integration. The unit features three mounting locations per side allowing for super-sealed panel mount protection.



 HDMI

 VGA

 DVI

 Display Port

Technical Specifications

General

Model:
PS-084

Display Size
8.4"

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
User Keypad (standard)

Contrast Ratio
600:1

Aspect Ratio
4:3

Resolution
800 x 600

Colors Supported
16 million

Viewing Angles
-80° / 80° Horizontal
-60° / 80° Vertical

Video Inputs
DVI, HD15 (VGA), HDMI,
DisplayPort

User Controls
Front Keypad (can also be
configured for rear controls)

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
Stainless Steel

Overall Dimensions
9.7 x 7.5 x 2 in
(264.4 x 190.5 x 50.9mm)

Cutout
7.69 x 5.37 in
(227.2 x 172.6 mm)

Weight
6.6 lbs. (2 Kg)

Sealability
Gasket-Sealed

Sunlight Readability
Sunlight Readable
Model Available

Warranty Period
3 Years

Environmental

Sunlight Readability
Sunlight Readable Model Available

Operating Temperature Range
-30°C to 70°C (-22°F to 158°F)

Storage Temperature
-30°C to 80°C (-22°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 12 / IP52

Additional Add-On Options

Touch Screen Technology**Resistive****Hardened Armored Touch
Technology****Video Input Options**

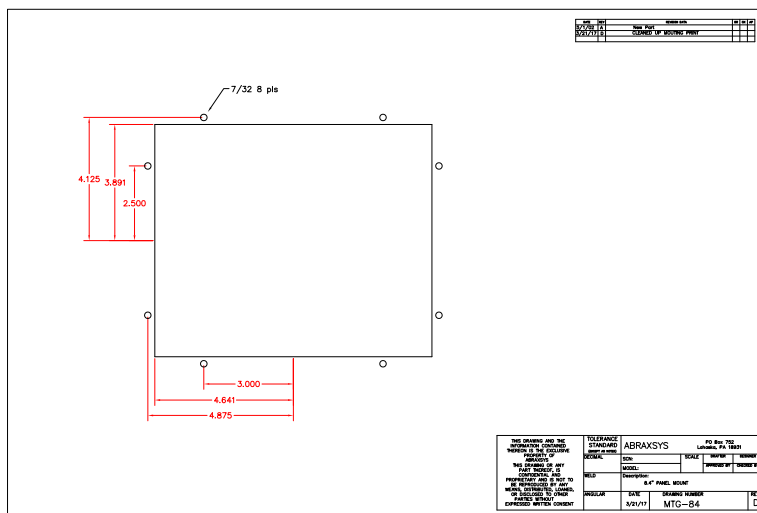
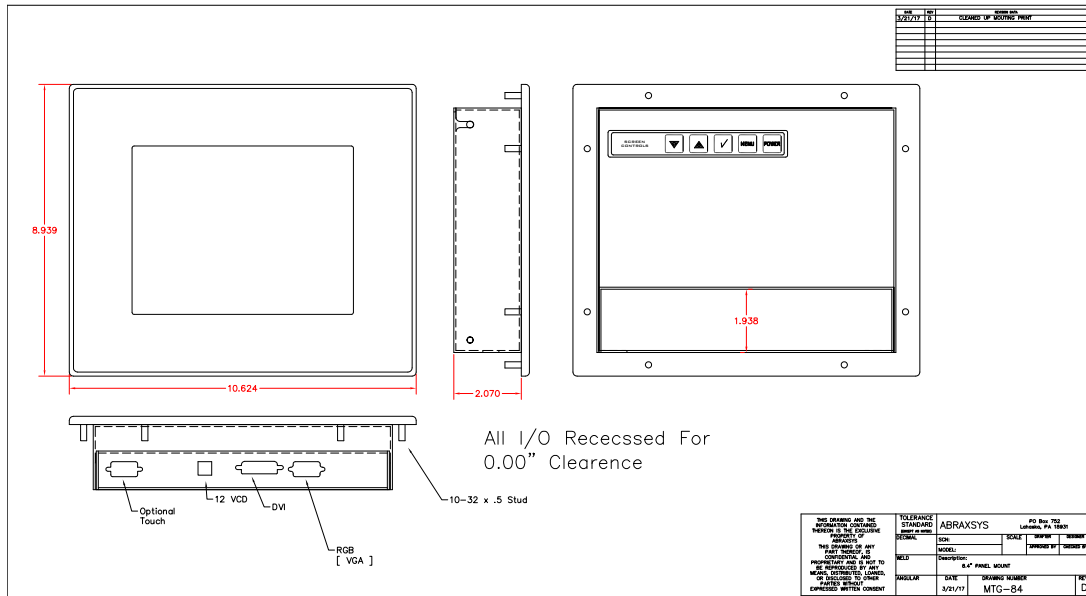
DVI, HD15 (VGA), DisplayPort,
and/or HDMI

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



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



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