



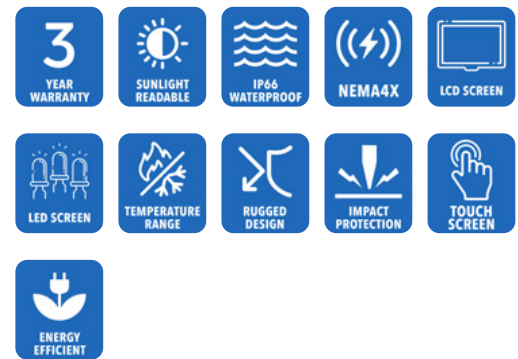
AbraxSys
RUGGED LCD SOLUTIONS

8.4" Industrial Grade Sunlight Readable High Brightness NEMA 4X (IP66) Panel Mount LCD Flat Panel Display

Model SRD-PS-084

AbraxSys Industrial Sunlight Readable High Brightness Waterproof 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-084 is a high-quality Sunlight Readable High Brightness industrial LCD system offering NEMA 4X (IP66) level protection at the front bezel. The product boasts a 8.4" display size with XGA (1024 x 768) pixels, 1200 NITS brightness (long-life LED backlight) and 750:1 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.



 HDMI

 VGA

 DVI

 Display Port

Technical Specifications

General

Model:
SRD-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
1200 nits (cd/m2)

Dimming Capabilities
Deep Dimming Down to Black

Contrast Ratio
750:1

Aspect Ratio
4:3

Resolution
800 x 600

Colors Supported
16.7M (8-bit/color)

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

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

User Controls
Front Keypad (can also be configured for rear controls, or Manual Full-Range Dimming Turn Pot, Automatic Dimming Sensor, or Remote Dimming), Can be repositioned on the rear of the enclosure

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, 20 to 53V DC

Physical Attributes

Front Bezel
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
8.939" x 10.624" x 2.070"

Cutout
9.28" (235.8mm) x 7.78" (197.7mm)

Weight
8 lbs

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 80°C (-22°F to 176°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

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 2-Point 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

Dimming Capabilities

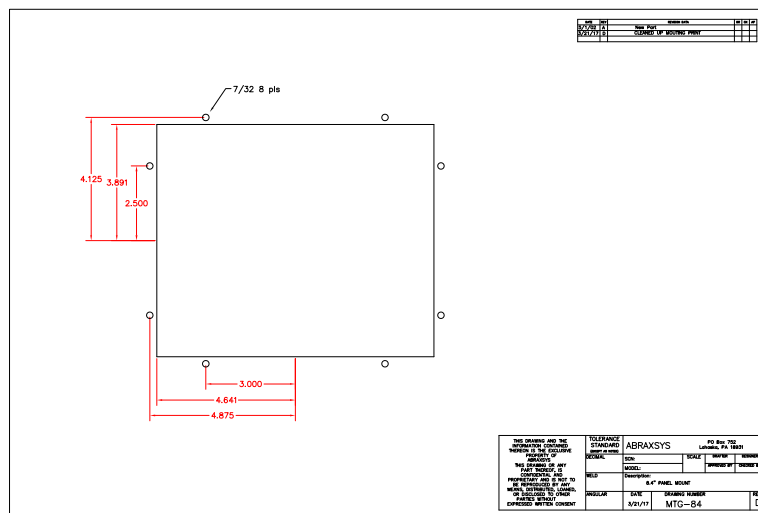
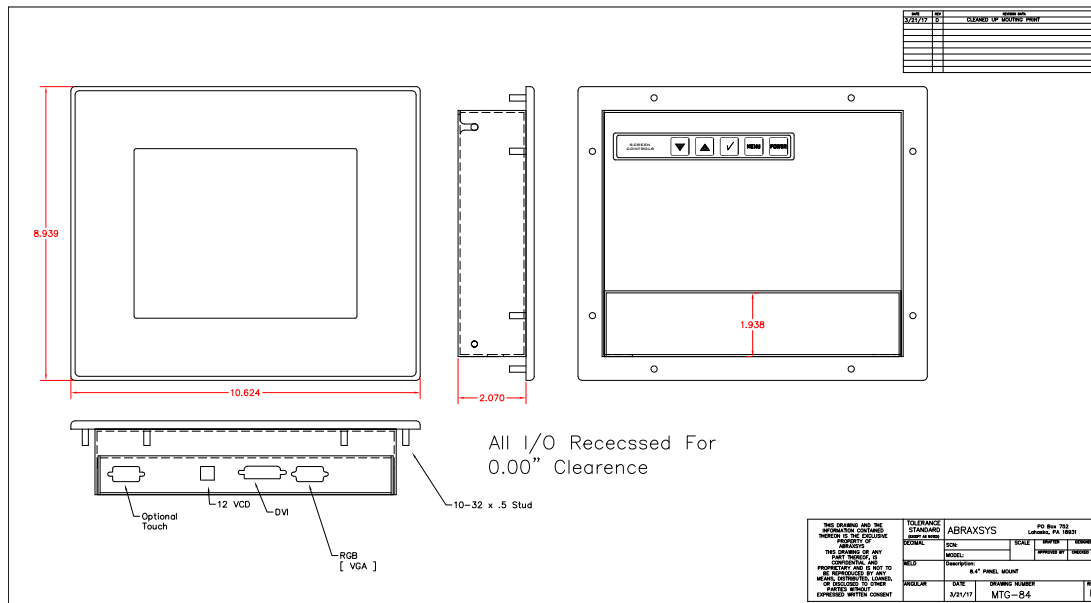
User Keypad (standard); Optional: Manual Full-Range, Automatic Dimming, or Remote Dimming

NEMA 4 IP65 Black Powder-Coated Aluminum Front Bezel

Customization Services

Private Labeling Services

Mechanical Drawings



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.