



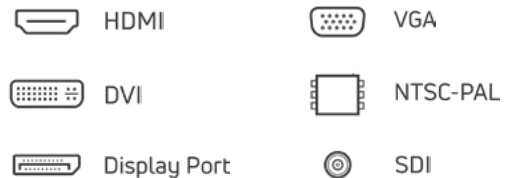
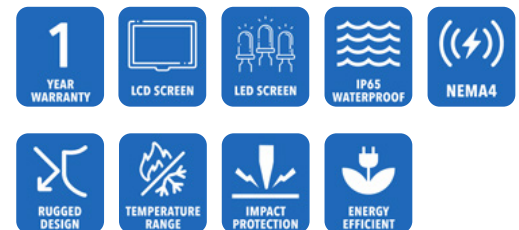
**AbraxSys**  
RUGGED LCD SOLUTIONS

# 20.1" Industrial Grade NEMA 4 (IP65) LCD Flat Panel Mount Display

## Model PM-201

Model PM-201 is an ultra-high high-quality, harsh-duty industrial LCD system offering NEMA 4 (IP65) level protection at the front bezel. The product boasts a 20.1" display size with 1600 x 1200 pixels, UXGA resolution, bright LED backlit, 330 NITS brightness and 1400:1 contrast ratio.

This rugged model offers exceptional shock and vibration safeguards and its front bezel and rear housing are constructed of high 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 and features long-life displays. Incorporating the latest LCD and control electronics you are assured a display that will perform reliably in harsh industrial environments. Many configurations available.



# Technical Specifications

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## General

<b>Model:</b> PM-201	<b>Contrast Ratio</b> 1400:1	<b>User Controls</b> Multi-Functional User Keypad
<b>Display Size</b> 20.1"	<b>Aspect Ratio</b> 4:3	<b>Optical Bonding</b> <a href="#">Optical Bonding</a>
<b>Display Type</b> Long-Life Industrial Grade Active Matrix TFT LCD	<b>Resolution</b> 1600 x 1200 (UXGA)	<b>Protective Window</b> 3mm Hardened Protective Window, for more information <a href="#">CLICK HERE</a> (also available various optional Touch Screen Technologies)
<b>Backlight Technology</b> Solid State, Long-Life LED <a href="#">CLICK HERE</a> for more information	<b>Colors Supported</b> 16.7M (8-bit/color)	<b>Power Types</b> 90 VAC to 264 VAC; 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC
<b>Brightness</b> 330 nits (cd/m2)	<b>Viewing Angles</b> -85° / 85° Horizontal -85° / 85° Vertical	
<b>Dimming Capabilities</b> User Keypad (standard); Optional: Manual Full-Range, Automatic Dimming, or Remote Dimming	<b>Video Inputs</b> DVI, HD15 (VGA), HDMI, DisplayPort, S-Video, SDI, Composite	

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## Physical Attributes

<b>Front Bezel</b> High Grade 6061T Aluminum, Electrochemical Anodized for added Corrosion Resistance, Black Textured Finish per Military Standards FED-STD-595	<b>Panel Mounting</b> 10-32 Stainless mounting studs, 1/2" exposed thread	<b>Sealability</b> NEMA 4 (IP65)
<b>Rear Enclosure</b> High Grade 6061T Aluminum, Electrochemical Anodized for added Corrosion Resistance, Black Textured Finish per Military Standards FED-STD-595	<b>Overall Dimensions</b> See Drawing	<b>Sunlight Readability</b> Sunlight Readable Model Available
	<b>Cutout</b> See Drawing	<b>Warranty Period</b> 3 Years
	<b>Weight</b> See Drawings	

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## Environmental

<b>Sunlight Readability</b> Sunlight Readable Model Available	<b>Operating Temperature Range</b> -10°C to 55°C (14°F to 131°F) Extended Operational Temperature Ranges Available	<b>Storage Temperature</b> -25°C to 60°C (-13°F to 140°F)
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**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

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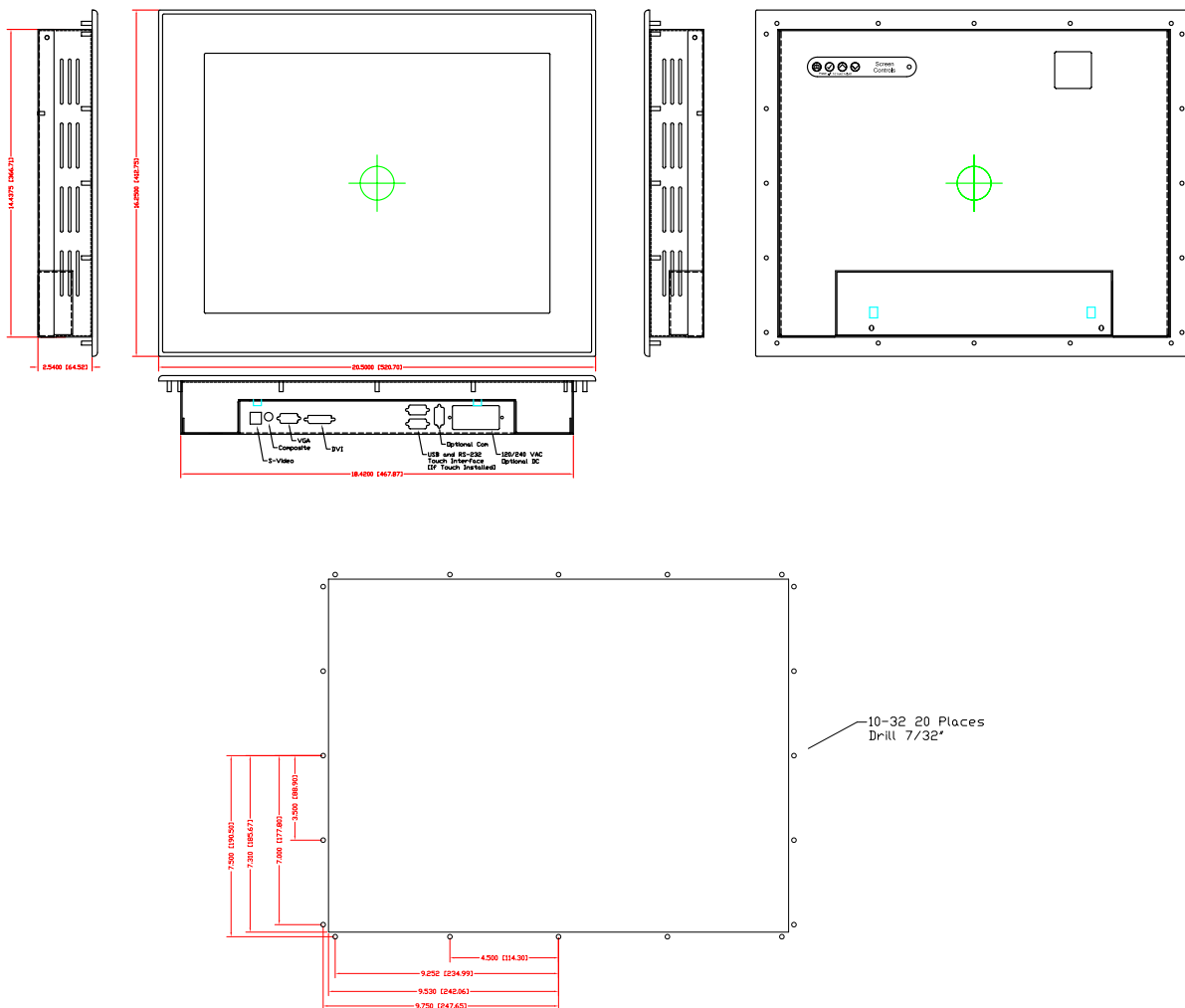
## Additional Add-On Options

**Touch Screen Technology****Resistive****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**

# Mechanical Drawings



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



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(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.