



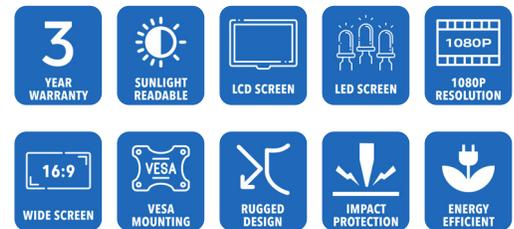
**AbraxSys**  
RUGGED LCD SOLUTIONS

# 13.3" Sunlight Readable Ultra-Low Profile VESA Mount Wide Format 1080P LCD Monitor

**Model SRD-VM-133-ULP**

Model SRD-VM-133-ULP LCD monitor is a versatile VESA mountable LCD and utilizes the latest 13.3" 1920 x 1080 resolution TFT Flat Panels. AbraxSys has added a versatile Analog-Digital interface board, backlight inverter and OSD controls. All elements, including a toughened glass protective screen have been packaged in a compact, rugged metal housing. The result is a flexible Display Head, ready for integration as part of any system; as an analog monitor, or a touchscreen driven human-machine interface. This model boasts exceptional sunlight readability.

This rugged model offers exceptional shock and vibration safeguards and its housing is 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, features long-life displays with no scheduled End Of Life. Incorporating the latest LCD and control electronics you are assured a display the will perform reliably in harsh industrial environments. Many configurations available.



 HDMI

 VGA

 DVI

 NTSC-PAL

 Display Port

 SDI

# Technical Specifications

---

## General

**Model:**  
SRD-VM-133-ULP

**Display Size**  
13.3"

**Display Type**  
Long-Life Industrial Grade Active Matrix TFT LCD

**Backlight Technology**  
Solid State, Long-Life LED, with Light Source Redundancy

**Optical Films Enhancements**  
Boosts efficiency of the backlight's light utilization and minimizes the surface reflection of ambient light. The result is a transmissive enhancement that features higher contrast and a wider range of colors, even in bright outdoor light, than traditional reflective LCDs.

**Brightness**  
1500 nits (cd/m<sup>2</sup>)

**Contrast Ratio**  
700:1

**Aspect Ratio**  
16:9

**Resolution**  
1920 x 1080 (1080p)

**Colors Supported**  
16.7M (8-bit/color)

**Viewing Angles**  
-85° to 85° Horizontal  
-85° to 85° Vertical

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

**User Controls**  
Front Keypad (can also be configured for rear controls, or Manual Full-Range Dimming Turn Pot, Automatic Dimming Sensor, or Remote Dimming)

**Protective Window**  
3mm Sparkle Free Front Protective Impact Window or Projected Capacitive Touch Screen

**Power Types**  
90 VAC to 264 VAC; 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC

---

## Physical Attributes

**Front Bezel**  
High Grade 6061T Aluminum, Electrochemical Anodized for added Corrosion Resistance, Black Textured Finish per Military Standards FED-STD-595

**Panel Mounting**  
VESA 100mm

**Rear Enclosure**  
High Grade 6061T Aluminum, Electrochemical Anodized for added Corrosion Resistance, Black Textured Finish per Military Standards FED-STD-595

**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 70°C (-22°F to 158°F)

**Storage Temperature**  
-30°C to 70°C (-22°F to 158°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 12 / IP50

---

## Additional Add-On Options

**Video Input Options**

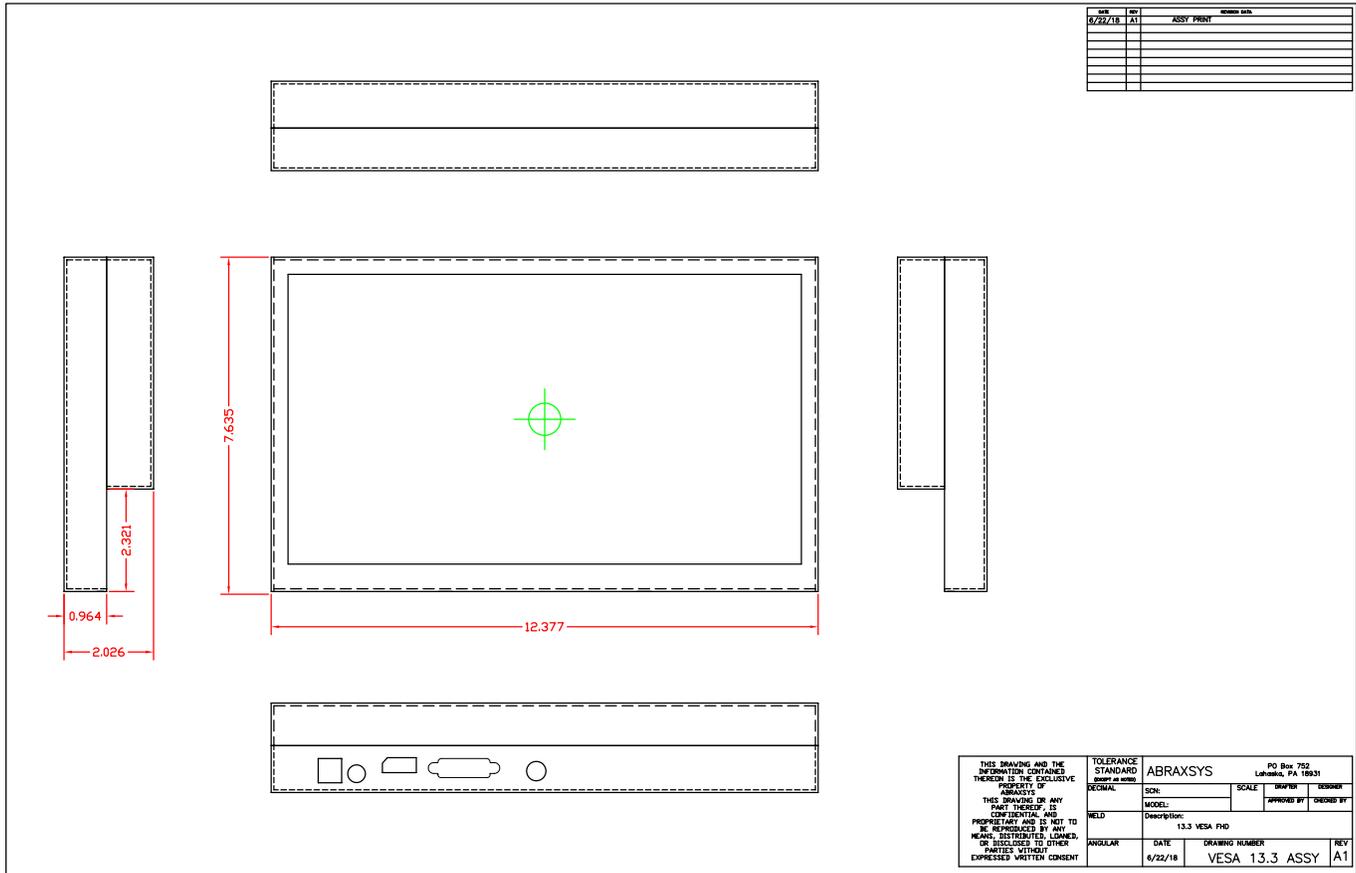
DVI, HD15 (VGA), DisplayPort,  
HDMI, Composite, S-Video, and/or  
NTSC-PAL

**Custom Video Modes****Extended Operational  
Temperature Ranges****Power Type Choices**

90 VAC to 264 VAC; 12V DC; 24V  
DC; 9 to 36V DC; or 20 to 53V DC

**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.*



**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.