



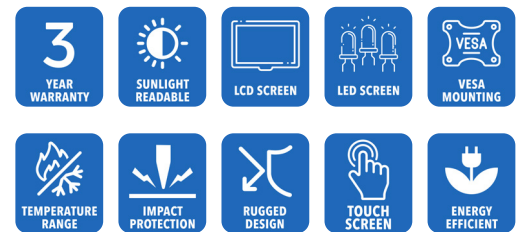
AbraxSys
RUGGED LCD SOLUTIONS

15" Industrial Grade Sunlight Readable NEMA 12 (IP52) Rugged VESA Mount LCD Monitor

Model SRD-VM-150

Model SRD-VM-150 IPS LCD monitor is a NEMA 12 (IP52) rated Sunlight Readable product and utilizes the latest 15" XGA TFT IPS Flat Panel and integrated with the AbraxSys enhanced LED high-luminance backlight technology producing 1100 nits (optional 1600 nits available). 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 industrial grade Sunlight Readable NEMA 12 IP52 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



NTSC-PAL



Display Port



SDI

Technical Specifications

General

Model: SRD-FVM-150	Brightness 1600 nits (cd/m2)	User Controls Front Keypad (can also be configured for rear controls, or Manual Full-Range Dimming Turn Pot, Automatic Dimming Sensor, or Remote Dimming)
Display Size 15"	Contrast Ratio 800:1	Protective Window 3mm Sparkle Free Front Protective Impact Window or Projected Capacitive Touch Screen
Display Type Long-Life Industrial Grade Active Matrix TFT LCD	Aspect Ratio 4:3	Power Types 90 VAC to 264 VAC; 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC
Backlight Technology Solid State, Long-Life LED, with Light Source Redundancy	Resolution 1024 x 768	
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.	Colors Supported 16.7M (8-bit/color)	
	Viewing Angles -80° to 80° Horizontal -70° to 80° Vertical	
	Video Inputs DVI, HD15 (VGA), HDMI, DisplayPort, S-Video, SDI, Composite	

Physical Attributes

Front Bezel High Grade 6061T Aluminum, Electrochemical Anodized for added Corrosion Resistance, Black Textured Finish per Military Standards FED-STD-595	Rear Enclosure High Grade 6061T Aluminum, Electrochemical Anodized for added Corrosion Resistance, Black Textured Finish per Military Standards FED-STD-595	Overall Dimensions 11.224 x 14.572 x 2.307 in
	Panel Mounting VESA 100mm	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 85°C (-22°F to 185°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 12 / IP50

Additional Add-On Options

Touch Screen Technology**Resistive****Multi-Touch Up to 10-Point PCAP****Hardened Armored Touch
Technology****Power Type Choices**

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

Video Input Options

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

**Extended Operational
Temperature Ranges****Custom Video Modes****Customization Services****Dimming Capabilities**

Standard, or Optional Full-Range
Manual Turn-Pot, Automatic
Dimming Sensor, Remote Dimming

Private Labeling Services**Conformal Coating of all
Internal Circuit Boards**

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