



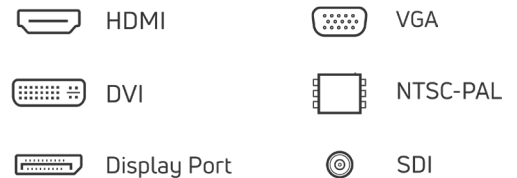
AbraxSys
RUGGED LCD SOLUTIONS

24" Sunlight Readable High-Bright Industrial Grade NEMA 12 (IP50) Rugged VESA Mount LCD Monitor

Model SRD-VM-240

AbraxSys Daylight Readable Industrial LCD Flat Panel Displays has been designed for industrial applications in the Control field and other users that require a 1080p Hi-Def compatible monitor with a small footprint, ultra-high brightness display (1400 nits) with good viewing angles. The rugged, metal construction of the monitor ensures exceptional stability, especially important when touchscreen operation is necessary.

Model SRD-VM-240 LCD monitor is a NEMA 12 (IP50) rated product and utilizes the latest 24" 1080p True Hi-Definition 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.



Technical Specifications

General

Model

SRD-VM-240

Display Size

24.0"

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

1200 nits (cd/m2)

Contrast Ratio

5000:1

Aspect Ratio

16:9, 16:10

Resolution

1920 x 1080 (HD 1080P) or 1920 x 1200 (WUXGA), panel configuration dependent

Colors Supported

16.7M (8-bit/color)

Viewing Angles

-89 to 89 Horizontal
-89° to 89° 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

Overall Dimensions

15.29" (388.45mm) x 22.94" (582.86mm) x 3.29" (83.74mm)

Rear Enclosure

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

Sealability

NEMA 12

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

-20°C to 70°C (-4°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

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 / IP52

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

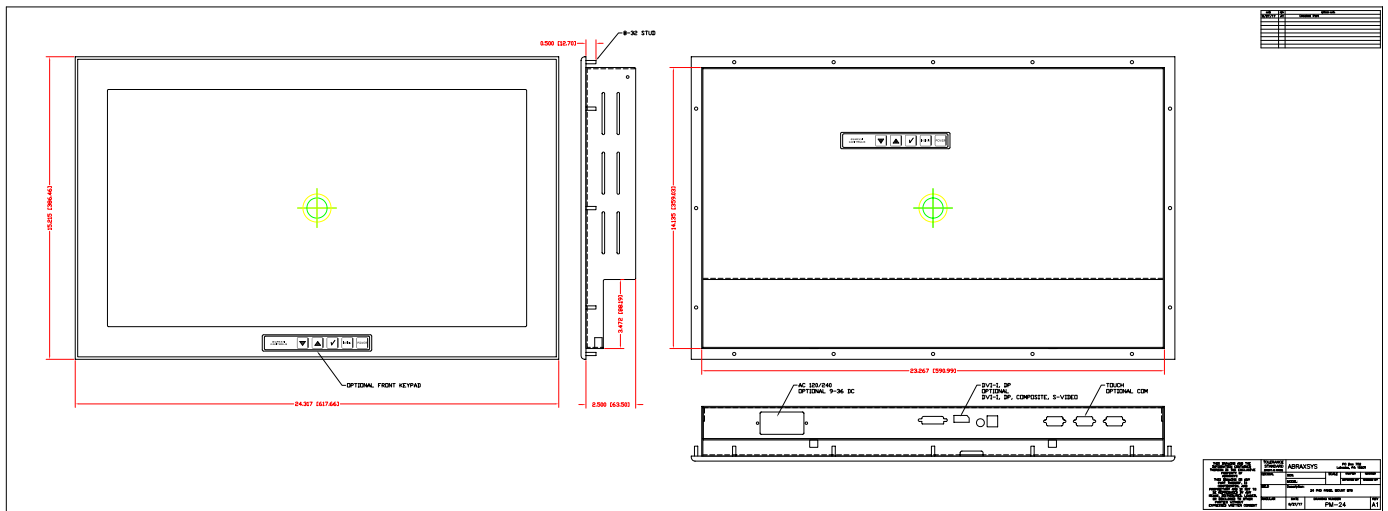
DVI, HD15 (VGA), DisplayPort, HDMI, Composite, S-Video, HD-SDI, and/or NTSC-PAL

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

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

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

Mechanical Drawings



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



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