



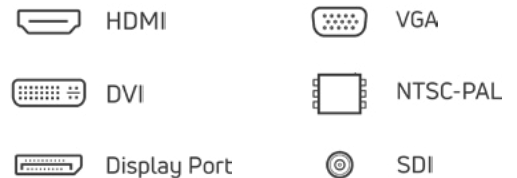
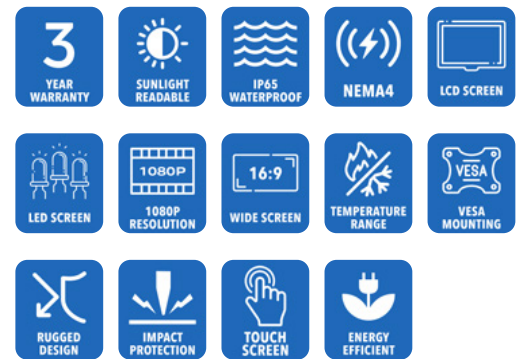
AbraxSys
RUGGED LCD SOLUTIONS

15.6" Sunlight Readable Industrial Grade Wide Video Format NEMA 4 (IP65) Rugged VESA Mount LCD Monitor

Model SRD-FVM-156

Model SRD-FVM-156 LCD monitor is a Sunlight Readable 1500 nit High Brightness NEMA 4 (IP65) rated product and utilizes the latest 15.6" TFT Flat Panels Full-High Definition 1920 x 1080. The enclosure is constructed of milled 6061 Grade Aluminum which has been Zinc-Chromate Dipped then treated with Corrosion Resistant Thermoset UV-stable Black Powder-Coating. 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 4 IP65 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.



Technical Specifications

General

Model:

SRD-FVM-156

Display Size

15.6"

Display Type

Long-Life Industrial Grade Active Matrix TFT LCD

Backlight Technology

Solid State, Long-Life LED

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/m²)

Dimming Capabilities

Deep Dimming Down to Black

Contrast Ratio

750:1

Aspect Ratio

16:9

Resolution

1920 x 1080 (1080p)

Colors Supported

16.7M (8-bit/color)

Viewing Angles

- 88° / 88° Horizontal
- 88° / 88° 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), Deep Dimming Down to Black

Optical Bonding

Optional Optical Bonding of Front Protective Glass or Touch Screen Window

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; 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

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

Panel Mounting

VESA 100mm

Environmental

Sunlight Readability

The latest optical technology for high ambient light conditions

Operating Temperature Range

-30°C to 75°C (-22°F to 167°F)

Storage Temperature

-40°C to 85°C (-40°F to 185°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 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

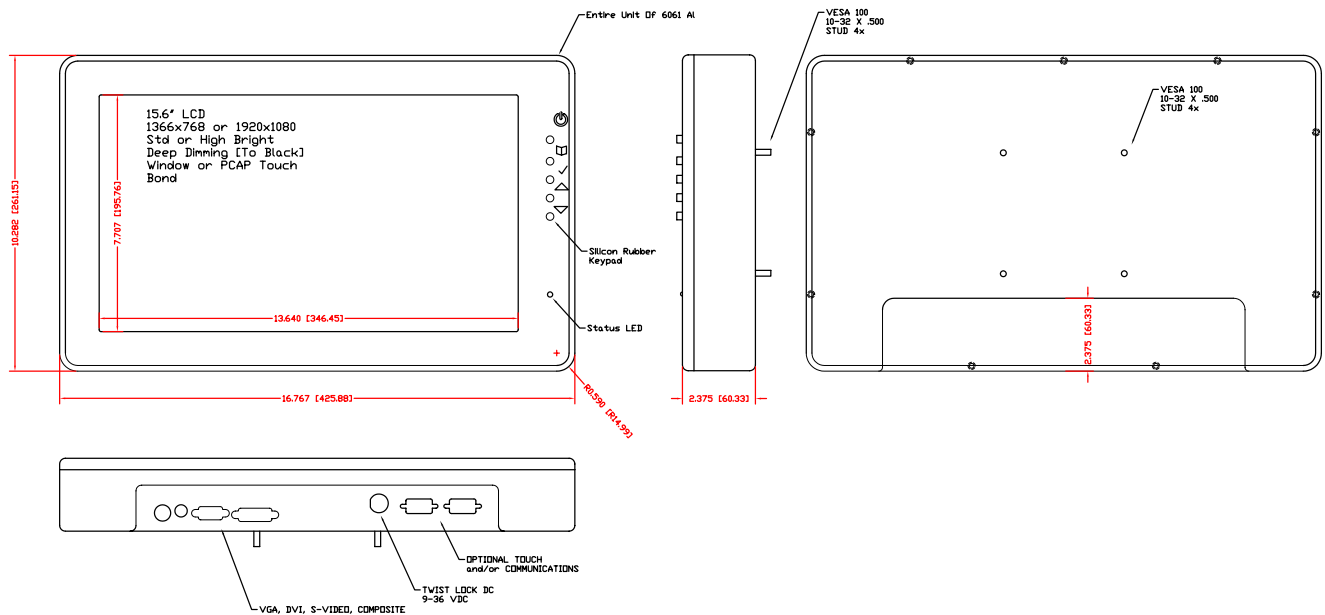
DVI, HD15 (VGA), DisplayPort, HDMI, Composite, S-Video, HD-SDI, and/or NTSC-PAL

Extended Operational Temperature Ranges**Custom Video Modes****Conformal Coating of all****Internal Circuit Boards****Customization Services****Dimming Capabilities**

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

Optical Bonding**Private Labeling Services**

Mechanical Drawings



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



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