



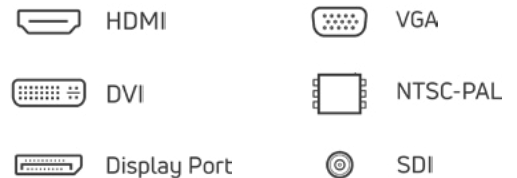
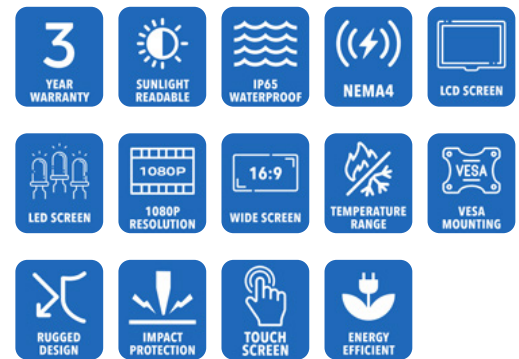
AbraxSys
RUGGED LCD SOLUTIONS

18.5" Sunlight Readable Ultra-Rugged IP65/IP66 (NEMA 4/4X) Fully-Sealed VESA Mount FHD 1080P LCD Monitor

Model SRD-FVM-185

Model SRD-FVM- 185 LCD monitor is a Ultra-Rugged Sunlight Readable NEMA 4/4X (IP65/IP66) rated product and utilizes the latest 18.5" 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 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.



Technical Specifications

General

Model:

SRD-FVM-185

Display Size

18.5"

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

1000:1

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

Sealability

NEMA 4 (IP65)

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

-20°C to 70°C (-4°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 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****Optical Bonding****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**

