

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

Model SRD-FVM-133



Shown with Optional Manual Dimming Turn-Pot and Projected Capacitive Touch Screen. Also available with Different Touch Technology or Non-Touch.



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Shown with Optional Military D38999 Connectors and Custom Mounting Provisions. Available with different inputs: Power, Video, and Touch Screen (or non-touch) – Including Standard or Waterproof connectors with mating cables.



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The AbraxSys Difference:

- True Industrial Grade LCD Panel
- Long-Life Advanced LED Backlighting, over 100,000 Hours Half-Life
- 1500 nits (cd/m²) High Brightness
- Wide Operational Temperature Range -30°C to +70°C (-22°F to +158°F)
- Wide Color Gamut
- High Environmental Performance and Reliability
- Full High-Definition 1920x1080 (1080P) Resolution
- Multitude of Computer & Video Inputs Combinations Available
- Touch Screen Technologies Available
- T6 temper 6061 high-quality, heat treated aluminum alloy
- 3-Year Warranty
- IP65/IP66 – NEMA 4/4X Fully-Sealed Enclosure
- Engineered and Produced in the USA

Model SRD-FVM- 133 LCD monitor is an Ultra-Rugged Sunlight Readable 1500 nit High Brightness NEMA 4/4X (IP65/IP66) rated product and utilizes the latest 13.3" 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 6061T 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 that will perform reliably in harsh industrial environments. Many configurations available.



PRODUCT SPECIFICATIONS

Display Size	13.3"
Display Type	Long-Life Industrial Grade LCD
Backlight Technology	Solid State, Long-Life LED - CLICK HERE for more information
Brightness	1500 nit (cd/m2) Sunlight Readable
Panel Technology	IPS (In-Plane Switching technology) panel, for more information click HERE
Backlight	Long-Life LED
Contrast Ratio	700:1
Aspect Ratio	16:9
Resolution (Max)	1920 x 1080 (1080p) – True High-Definition
Colors Supported	16.7 million, True 8-bit
Viewing Angles	85° up 85° down, 85° left 85° right

Video Input Options	DVI, HD15 (VGA), DisplayPort, Composite, S-Video, HD-SDI, 4-Composite/NTSC-PAL, HDMI
User Controls	Multi-Functional User Keypad, Sealed Push-Buttons – OSD and Brightness
Protective Window	3mm Hardened Protective Window, for more information CLICK HERE (also available various optional Touch Screen Technologies, see below options)
Power Types	Choices: 90 VAC to 264 VAC; 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC

PHYSICAL ATTRIBUTES

Enclosure	High Grade 6061T Aluminum, Electrochemical Anodized for added Corrosion Resistance, Black Textured Finish per Military Standards FED-STD-595
Mounting	VESA 100mm, M4 Screws
Weight	Configuration Dependent, but approximately 10 lbs
Warranty Period	3 Years


ENVIRONMENTAL

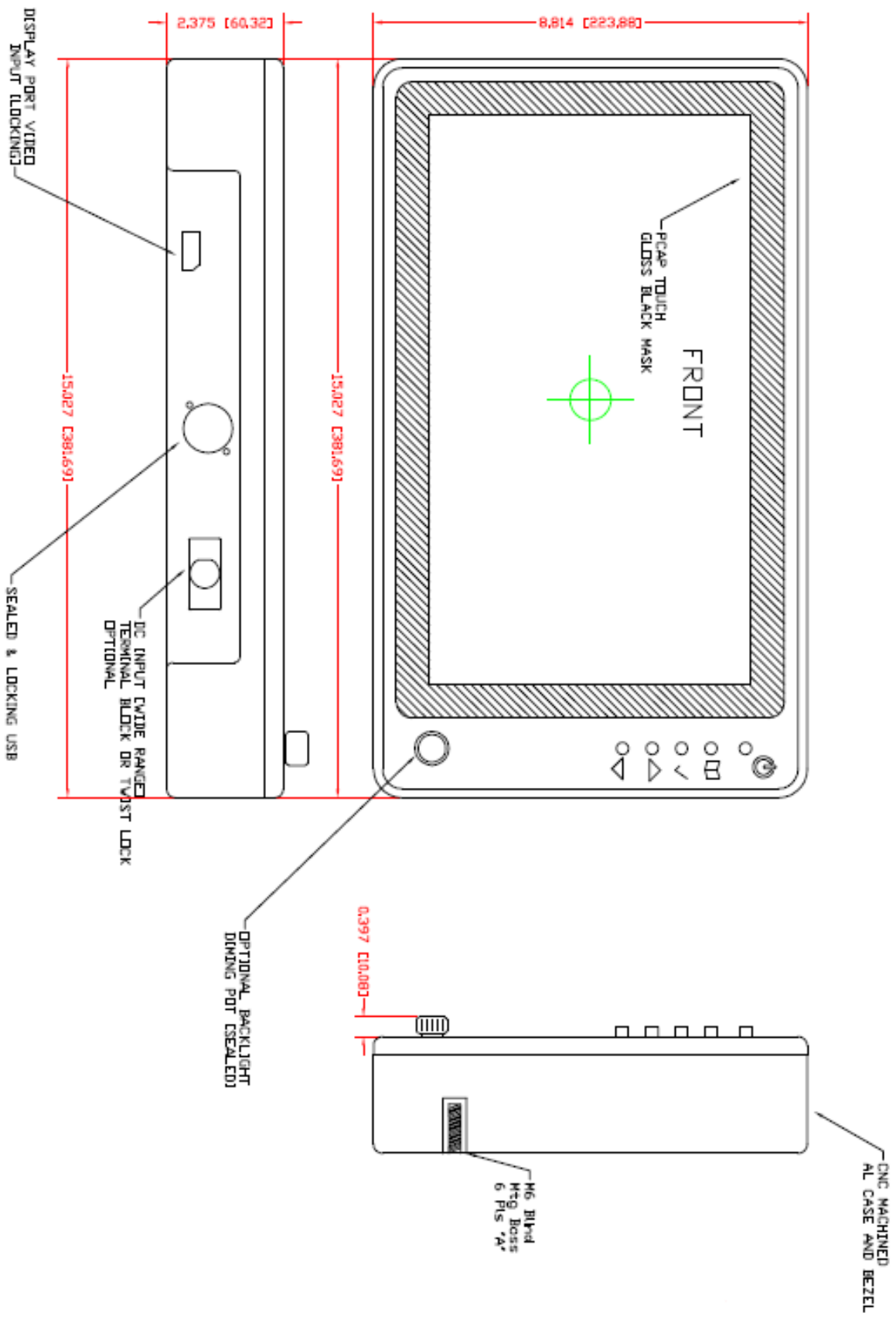
Sunlight Readability	The latest optical technology for high ambient light conditions
Efficiency	Energy Efficient, Low Power Consumption – Configuration Dependent, approximately 35-40 watts
Design	High Environmental Performance and Reliability
Operating Temperature Range	-30°C to +70°C (-22°F to +158°F)
Storage Temperature	-30°C to +70°C (-22°F to +158°F)
Fasteners	Vibration-proof, self-locking, fastener system which will not loosen regardless of seat torque. Designed to help make products safer, lower warranty costs and prolong equipment life by eliminating vibration; increased safety, reliability, operating life and reduced maintenance.
Humidity	5% to 95% RH (non-condensing)
Shock	Operating: 30g's, 11ms, ½ Sine Non-Operating: 50G, 20ms, Half-sine wave, (±X, ±Y, ±Z)

Vibration	Operating: 1g RMS 20-500Hz Non-Operating: .5G, (10~200Hz, P-P); 30 mins/axis (X, Y, Z)
EMI	FCC Class B pursuant to Part 15 of the FCC Rules
Agency	CE
RoHS Compliant	Yes

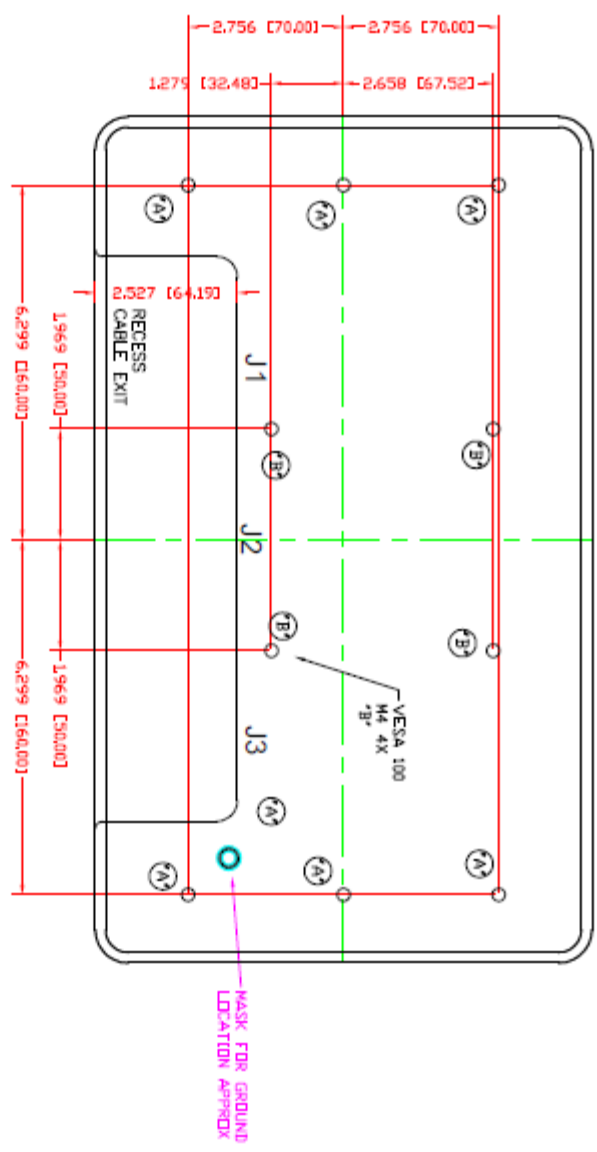
AVAILABLE ADD-ON OPTIONS

Military D38999 Connectors

<p>Touch Screen Technology NEMA 4 - IP65 (USB or Serial): Links to the various touch technologies: Resistive Projected Capacitive (PCAP) - Multi-Touch Hardened Armored Touch Technology</p> 
<p>Video Input Options: DVI, HD15 (VGA), DisplayPort, Composite, S-Video, HD-SDI, 4-Composite/NTSC-PAL, HDMI</p>
<p>Dimming Capabilities: User Keypad (standard); Optional: Manual Full-Range, Automatic Dimming, or Remote Dimming</p>
<p>Custom Video Modes</p>
<p>Extended Operational Temperature Ranges</p>
<p>Optical Bonding</p>
<p>Power Type Choices: 90 VAC to 264 VAC; 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC</p>
<p>Sealed Watertight Connectors or Military D38999 Connectors</p>
<p>Conformal Coating of all Internal Circuit Boards</p>
<p>Private Labeling Services</p>
<p>Customization Services</p>



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