

13.3" Rugged Sunlight Readable Ultra-Low Profile VESA Mount Wide Format 1080P LCD Monitor

Model SRD-VM-133-ULP



The AbraxSys Difference:

- True Industrial Grade LCD Panel
- Long-Life Advanced LED Backlighting, over 100,000 Hours Half-Life
- 1500 nits (cd/m²) Brightness
- Wide Operational Temperature Range -10° to 70° (14°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
- Exceptional Contrast for Improved Sunlight Readability
- 3-Year Warranty
- Engineered and Produced in the USA

Model SRD-VM-133-ULP LCD monitor is a versatile VESA mountable LCD and utilizes the latest 13.3" 1920 x 1080 resolution 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. This model boasts exceptional sunlight readability.

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.

PRODUCT SPECIFICATIONS

Display Size	13.3"
Brightness	1500 nits (cd/m2), Optional Sunlight Readable Model available
Display Type	Long-Life Industrial Grade Active Matrix TFT LCD
Backlight Technology	Solid State, Long-Life LED - CLICK HERE for more information
Panel Technology	IPS (In-Plane Switching technology) panel, for more information please click HERE
Optical Bonding	Optional Optical Bonding of 3mm Sparkle Free Front Protective Impact Window or Touch Screen Window (for more information about its benefits click HERE)
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. CLICK HERE for more information.
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
Scaling	Scaling to full screen in all video modes
Protective Window	3mm Anti-Reflective UV Filtered Thermally/Chemically Strengthened Protective Impact Window – Click HERE for more information, (optional Touch Screen Technologies)
Power Source	90-264 VAC Auto Switching @ 50/60 Hz (Internal)/, 12V DC, 24V DC, or 9-34 VDC

PHYSICAL ATTRIBUTES


Enclosure (Ultra-Low Footprint)	High Grade Aluminum, Zinc-Chromate Dipped, Corrosion Resistant Thermoset Black Powder-Coating (click HERE for more information)
Front Bezel	High Grade Aluminum, Zinc-Chromate Dipped, Corrosion Resistant Thermoset Black Powder-Coating (click HERE for more information)
Overall Dimensions W/H/D	See Drawing
Mounting	VESA 100mm
Warranty Period	3 Years

ENVIRONMENTAL

Sunlight Readability	The latest optical technology for high ambient light conditions
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Efficiency	Energy Efficient, Low Power Consumption
Design	High Environmental Performance and Reliability
Operating Temperature Range	-10° to 70° (14°F to 158°F)
Storage Temperature	-10° to 70° (14°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	30g's, 11ms, ½ Sine
Vibration	1g RMS 20-500Hz
Altitude	Operating 0 to 10,000 ft. / Storage 0 to 40,000 ft.
EMI	FCC Class B pursuant to Part 15 of the FCC Rules
Agency	CE
RoHS Compliant	Yes

AVAILABLE ADD-ON OPTIONS

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