

SRM-21.5 Series

21.5" high brightness display

- True Sunlight-Readable HD Monitor
- 1,000 or 1,500 nits Brightness
- TRU-Tuff Ensures Maximum Shock & Vibration Resistance
- Automated Ambient Light Sensor
- Auto Re-Start After Power Loss
- Lockable On-Screen Display (OSD) Controls
- Can Be Customized To Meet Your Needs
- 3-Year Warranty



High Brightness Displays

The SRM-21.5 Series are 21.5" high brightness displays. They feature at least 1000 nits brightness and up to 1500 nits brightness. It is a [16:9 aspect ratio](#) with full HD resolution. We design the SRM-21.5 Series monitors for use in direct sunlight. Consequently, they are also perfect for other high ambient-light conditions. They utilize state-of-the-art LED backlights. The models in this series produce at least 1,000 nits brightness. The SRMH-21.5R and SRMH-21.5Z models produce 1,500 nits brightness! In contrast, this is over 3 to 5 times brighter than standard monitors. For example, standard monitors are only 200-300 nits brightness. Therefore, the result is amazingly bright screen. This will provide you with crystal-clear images, even with bright, direct sunlight on the face of the screen. For longer transmission distances, the SRM-21.5Z-36 and SRMH-21.5Z models feature an HD-SDI input.

RUGGED INDUSTRIAL MONITORS

The SRM-21.5 Series Sunlight Readable monitors are extremely rugged. For instance, we build them with true industrial-grade components. Furthermore, they receive our exclusive TRU-Tuff treatment. The TRU-Tuff process includes RTV silicone on all connections and critical components. Additionally, all wires are dressed, tie-wrapped and secured. Lastly, we apply ThreadLock to all screws. The rugged powder coated steel enclosure will ensure maximum shock and vibration resistance for this rugged high bright monitor.

EXTREME OPERATING TEMPERATURES

We design the 21.5" high brightness display to operate in nearly any environmental conditions. Whether in frigid conditions or blazing heat, these sunlight displays will survive and thrive. To clarify, these monitors will operate in temperatures down to 14°F (-10°C). They will also withstand brutal heat. Moreover, operating temperatures go up to 122°F (50°C). The rugged powder coated steel enclosure assures these 21.5" high brightness displays will provide years of reliable imaging performance. Specifically, typical MTBF for these monitors is 50,000 hours.

DEPLOYED WORLDWIDE

Our 21.5" sunlight readable monitors have been deployed in a wide range of demanding industries. For example, [military](#), law enforcement, and [entertainment](#) benefit. They are also found in [inspection](#), [oil and gas](#), and [transportation](#). Additionally, see how [pipeline](#), [manufacturing](#) and [drone](#) industries also enjoy TRU-Vu displays. Additionally, You may also see 21.5" high brightness displays in popular [kiosk](#) displays prominently.

TRU-Vu monitors are backed by our full 3-Year Warranty. This ensures you of many years of reliable service.

In conclusion, see our full line-up of industrial-grade [Sunlight Readable and Daylight Readable](#). This highlights all of our high brightness monitors. Additionally, you'll find the sunlight readable touch screens in all the sizes and configurations available.

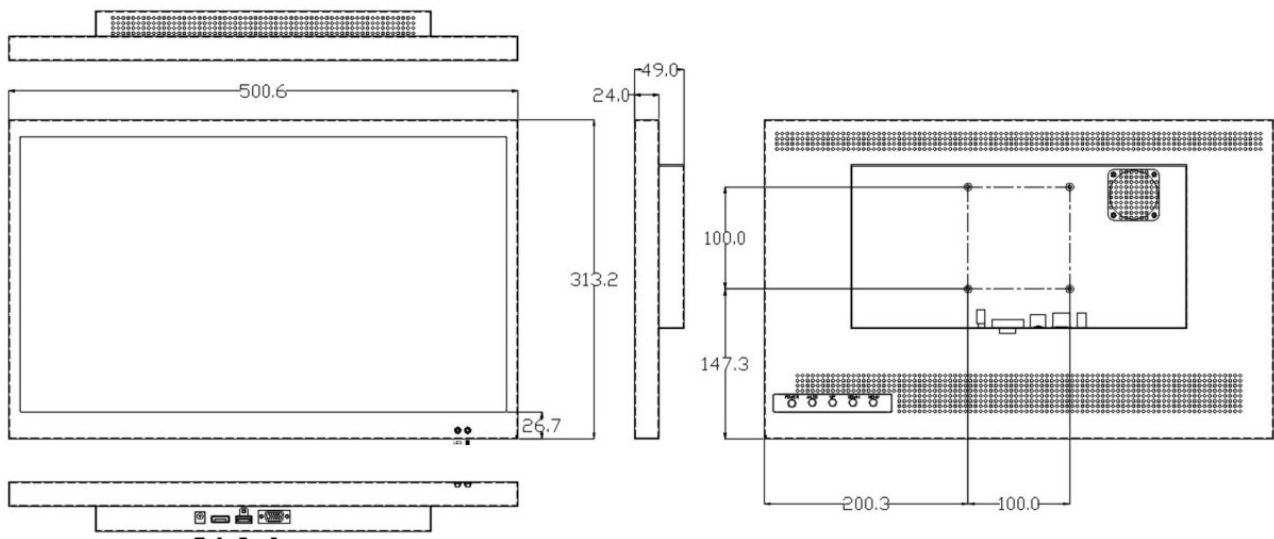
SPECIFICATIONS

	SRMH-21.5R	SRMH-21.5Z	SRM-21.5R-MV	SRM-21.5Z-36
LCD Panel	21.5" Color MVA Panel; LED Backlight			

	SRMH-21.5R	SRMH-21.5Z	SRM-21.5R-MV	SRM-21.5Z-36
Resolution	1920 x 1080 (1080p/60 Full HD)			
Viewable Area	18.76" x 10.55" (476.6 x 268.1 mm)			
Pixel Pitch	0.248			
Display Colors	16.7 M			
Aspect Ratio	16:9			
Brightness	1,500 nits		1,000 nits	
Contrast Ratio	5,000:1			3,000:1
Viewing Angle	178° (H) x 178° (W)			
Response Time	16 msec TrF			
Control	OSD (On-Screen Display) via Pushbuttons			
Video Inputs	VGA, HDMI, Display- Port	VGA, HD-SDI Loop-Thru, HDMI, Composite BNC Loop-Thru	VGA, HDMI, Display- Port	VGA, HD-SDI Loop-Thru, HDMI, Composite BNC Loop-Thru
Power Requirement	12 VDC / 90-240 VAC with included power brick			9-36 VDC
Power Consumption	55W		45W	
Enclosure	Powder-Coated Steel			
Mounting	Via Rear VESA Holes, or Included Tabletop Base	100 x 100 mm Rear VESA Mount Holes		
Operating Temperature	14° to 122° F (-10 to 50° C); Humidity: 5-90% Non-Condensing			
Shock	50G, Half-sine Wave, 20ms, X/Y/Z			
Vibration	Acceleration: 1.5 G RMS; Random Wave; 10-200Hz; 30 mins Per Axis (X,Y,Z)			
Dimensions	20.90"(W) x 12.67" (H) x 2.16" (D) 531.0 (W) x 322.0 (H) x 55.0 (D) mm		19.71" W x 12.33" H x 1.93" D (500.6 x 313.2 x 49 mm)	
Weight	9.24 lbs. (4.19kg)			
Warranty	3-Years			
Other	—			5 VDC/2 Amp Output

Note: Specifications subject to change without notice.

DIMENSIONS (MM)



Standard Accessories:

- 90-240 VAC Power Brick
- VGA Cable
- HDMI Cable
- HDMI-to-DVI Cable
- Tabletop Base (SRMH-21.5R only)

Available Options:

- Tabletop Base
- Optical Bonding
- DVI Input
- Wall Mount Brackets
- Open-Frame Configuration
- Private Label
- Other Customer-Specific Modifications
- Remote Control