

## SRMW-19U-24

### 19" Outdoor Monitor

- 1,000 nits Brightness
- Produces Clear, Sharp Images Even in Direct Bright Sunlight
- Waterproof NEMA 4X Stainless Steel Enclosure
- Sunlight Readable Monitor
- 1,000 Nits Brightness
- Automated Ambient Light Sensor
- Operating Temperature: -22° F to +185° F (-30° to +85° C)
- Auto Re-Start After Power Loss
- TRU-Tuff Ensures Maximum Shock/Vibration Resistance
- 3-Year Warranty



## 19" OUTDOOR MONITOR

The SRMW-19U-24 are 19" outdoor monitor displays. They feature at least 1000 nits brightness. Additionally, this particular model has a **5:4 aspect ratio**. Many people assume that a square monitor with 1280 x 1024 resolution is a 4:3 monitor. In fact, it truly is a 19" 5:4 aspect ratio monitor. A **aspect ratio calculator** can help you determine the correct aspect ratio of your video signal. Therefore, you can match it to the correct aspect ratio monitor.

We design this 19" 1,000 nits display for use in direct bright sunlight. Consequently, they are also perfect for other high ambient-light conditions. They utilize state-of-the-art LED backlights. This display produces at least 1,000 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 an amazingly bright screen. This will provide you with crystal-clear images, even with bright sunlight on the face of the screen. For nighttime use, the Dim-To-Black function will enable users to dim the brightness of the monitor as needed via front OSD buttons.

## RUGGED 19" INDUSTRIAL MONITORS

These 19" outdoor monitor waterproof displays 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. Furthermore, we apply ThreadLock to all screws. Lastly, the rugged NEMA 4X Waterproof stainless steel enclosure ensures maximum shock and vibration resistance. There are no vent holes.

## WATERPROOF MONITOR

These monitors feature a rugged waterproof NEMA 4X stainless steel enclosure. It is impervious to liquids, rust or corrosion. It is rated NEMA 4X / IP66, and features protective Anti-Reflective glass over the LCD panel. These rugged 19" outdoor monitors will withstand the elements outdoors. It will also endure wash-downs in industrial and food processing plants. For instructions on maintaining water tight integrity, follow these procedures: [Cable Entry for TRU-Vu Waterproof Monitors \(PDF\)](#)

## EXTREME OPERATING TEMPERATURES

We design the SRMW-19U-24 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, some of these monitors will operate in temperatures down to -22°F (-30°C). They will also withstand brutal heat. Moreover, operating temperatures go up to

+185°F (+85°C). The rugged stainless steel NEMA 4X waterproof enclosure assures years of reliable imaging performance. Specifically, typical MTBF for these monitors is 50,000 hours.

**OUTDOOR MONITORS DEPLOYED WORLDWIDE**

Our 19" outdoor monitors with 1,000 nit screen brightness are found in a wide range of demanding industries. For example, **military, law enforcement, aviation and entertainment** have benefitted. They are also deployed in the **inspection, marine, oil & gas, industrial and transportation** industries. TRU-Vu monitors are backed by our full 3-Year Warranty. This ensures you of many years of reliable service.

We specifically design all *TRU-Vu* industrial LCD monitors for use in demanding applications. Every *TRU-Vu* monitor utilizes industrial-grade components. We provide high-end LCD panels not found in retail/consumer-grade monitors. This ensures superior image quality, improved performance and greater durability. Our 3-Year Warranty guarantees you of reliable worry-free operation and service to back it up.

**OUR TECHNICAL EXPERTS ARE READY TO HELP YOU FIND THE BEST OUTDOOR DISPLAY**

With over 540 LCD monitors and touch screens on our site, selecting the ideal equipment, or touch screen solution may be a bit overwhelming. To help narrow-down the choices, check out our **Advanced Search Tool**. For example, this enables you filter by your own specific search requirements. See our full line-up of industrial-grade **Sunlight Readable and Daylight Readable Monitors**. This filters all of our monitors by high brightness features. Additionally, you'll find the sunlight readable touch screens in all the sizes and configurations available. All **Waterproof Outdoor Monitors and 12-24VDC displays** can be found here. Browse our entire selection of **13-19" industrial monitors and touch screens**. TRU-Vu can provide modified or **Custom OEM LCD Displays**. **Private Label Monitors** are also an option if you have very specific requirements.

Finally, our team members are ready to help! We can determine the exact solution that will meet your specific needs. Certainly, TRU-Vu will help provide crystal-clear images for your operating requirements. Call **(847) 259-2344** today to speak with one of our specialists. Above all, we will listen. It's one of the things we do best. Our professional advisors will ensure the monitor or touch screen you receive will be and do everything you had hoped it would!

If you prefer, fill out a **quick form** with your requirements, and we will guide you to the proper models that will work best.

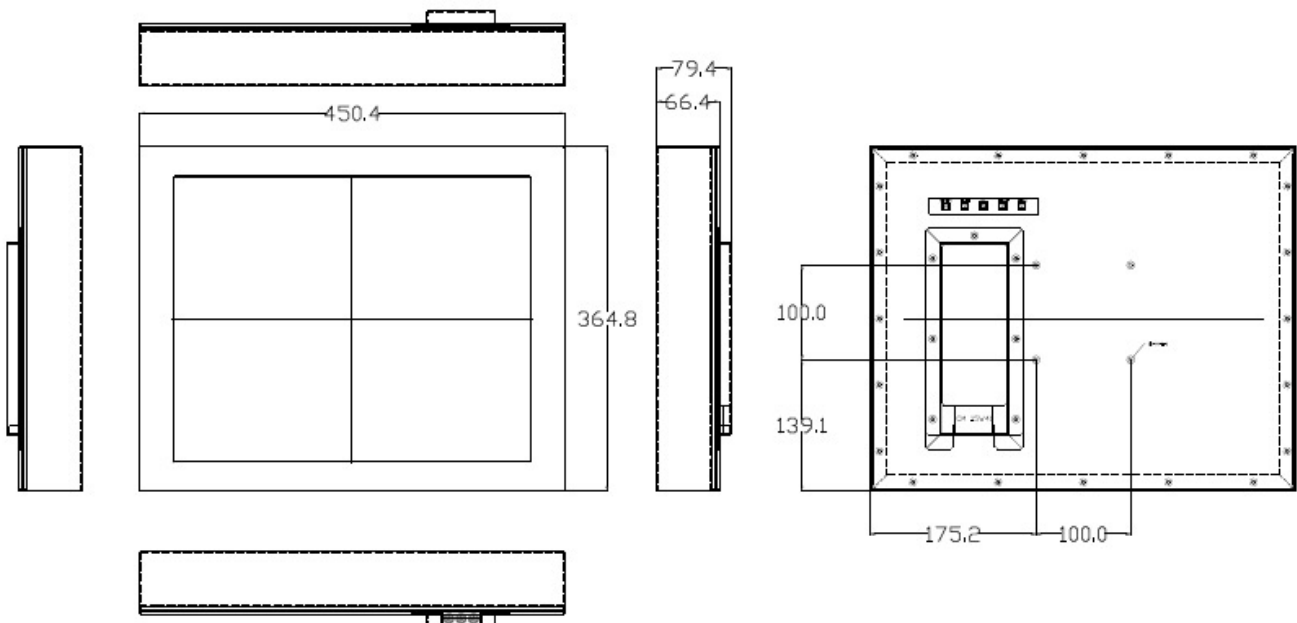
**SPECIFICATIONS**

	<b>SRMW-19U-24</b>
LCD Panel	19" Color LCD; LED Backlights
Display Resolution	1280 x 1024 (SXGA)
Viewable Area	14.82" (W) x 11.85" (H) (376.32 x 301.06 mm)
Pixel Pitch	0.294 mm
Display Colors	16.7 M
Aspect Ratio	4:3 (5:4)
Brightness	1,000 nits
Contrast Ratio	1,000:1
Backlight Adjustment	Automatic Ambient Light Sensor
Viewing Angle	170° (H) x 160° (V)
Response Time	10 msec
Control	OSD via Rear Panel Pushbuttons

<b>SRMW-19U-24</b>	
Video Inputs	VGA, HDMI, Composite (BNC Loop-Thru)
Power Requirement	12-24 VDC (2.1mm connector)
Power Consumption	40W
Enclosure	Stainless Steel
Enclosure Rating	NEMA 4X
Mounting	100 x 100 mm Rear VESA Mount Holes
Operating Temperature	-22° to +185° F (-30° to +85° C)
Humidity	5-90% RH
Shock	50G; 20 msec, half-sine
Vibration	1.5 G, (10-200Hz, P-P)
Dimensions	17.73" (W) x 14.36" (H) x 3.13"(D) (450.4 x 364.8 x 79.4mm)
Weight	18.19 lbs. (8.25 kg)
Included Accessories	Power Pigtail

Note: Specifications subject to change without notice.

**DIMENSIONS (MM)**



SRMW-19U-24

**Standard Accessories:**

- Power Pigtail

**Available Options:**

- Optical Bonding
- 90-240 VAC Power Supply (PS-12)

- 20 Ft Extension Cord for Above (CB-2.1-EXT)
- Rack Mount Bracket MB-Rack-19
- Private Label
- Other Customer- Specific Modifications