

## SRMTPW-21.5Z

### 21.5" Sunlight Readable Waterproof Touch Screen Monitor

- 1,000 nits Brightness
- Produces Clear, Sharp Images Even in Direct Bright Sunlight
- Projected Capacitive Touch
- NEMA 4X Waterproof Stainless Steel Enclosure
- 9-36 VDC
- Anti-Glare Glass
- Video Inputs: VGA, HDMI, Composite Video Inputs
- Automated Ambient Light Sensor
- Auto Re-Start After Power Loss
- Can Be Customized to Meet Your Needs
- 3-Year Warranty
- TAA Compliant



## 21.5" WATERPROOF TOUCH SCREEN FOR OUTDOOR USE

The SRMTPW-21.5Z is a 21.5" waterproof touch screen monitor. These touchscreen monitors feature at least 1000 nits brightness. These outdoor waterproof touch screens have a 16:9 aspect ratio, and 9-36 VDC. We design this 21.5" outdoor touch 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. The 1000 nits brightness 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 full HD resolution will provide you with crystal-clear images, even with direct sunlight on the face of the screen. The automated Ambient Light Sensor will automatically dim or brighten the screen according to ambient light conditions. This enables this monitor to be used 24 hours per day. The Anti-Glare glass drastically reduces reflections, and improves image quality.

This model features Projected Capacitive touch technology. Consequently, it can be activated via an exposed finger, and also when using thin latex or cotton gloves. The multi-touch capability allows up to 10 simultaneous finger operations to select zoom, flick, and other functions. It is also unaffected by dirt, grease or moisture on the glass surface.

### RUGGED TOUCH SCREEN DISPLAY

This 21.5" waterproof touch screen with high brightness is 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 Waterproof aluminum enclosure ensures maximum shock and vibration resistance.

### WATERPROOF OUTDOOR TOUCH SCREEN

These touchscreen monitors feature a rugged waterproof enclosure. It is an aluminum, NEMA 4X rated waterproof enclosure. It is impervious to liquids, rust or corrosion. These 21.5" outdoor touch screen monitors will withstand the elements outdoors. They are also ideal for wash-down environments. Industrial plants and food processing plants utilize this type of waterproof touch-screen for their challenging environments. For instructions on maintaining water tight integrity, follow these procedures: [Cable Entry for TRU-Vu Waterproof Monitors \(PDF\)](#)

**EXTREME OPERATING TEMPERATURES FOR OUTDOOR TOUCH SCREENS**

We design the SRMTPW-21.5Z 21.5" waterproof touch screen 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 -4°F (-20°C). They will also withstand brutal heat. Moreover, operating temperatures go up to 176°F (80°C). Additionally, the rugged aluminum enclosure assures these 21.5" outdoor touch screens will provide years of reliable performance. Specifically, typical MTBF for these monitors is 50,000 hours.

**DEPLOYED WORLDWIDE**

Our 21.5" outdoor touch screens have been deployed in a wide range of demanding industries. For example, **military, law enforcement, aviation and entertainment** benefit from our large touchscreen monitors. They are also deployed in the **inspection, marine, energy, and industrial, as well as transportation** industries. Furthermore, TRU-Vu monitors are backed by our full 3-Year Warranty. This will ensure you of many years of reliable service.

For further information, view **Sunlight Readable and Daylight Readable** to see our full line-up of industrial-grade. This specifically highlights all of our high brightness monitors and sunlight readable touch screens. You may view them in all the sizes and configurations available. We design all *TRU-Vu* industrial LCD monitors for use in demanding applications. Every *TRU-Vu* monitor utilizes industrial-grade components. We also provide high-end LCD panels not found in retail/consumer-grade monitors. This ensures superior image quality, improved performance and greater durability.

**OUR TECHNICAL EXPERTS ARE READY TO HELP YOU FIND THE BEST OUTDOOR TOUCH-SCREEN**

TRU-Vu provides over 200 LCD monitors and touch screens. Selecting the ideal monitor 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 to filter by features important to you. Shop by size **21" - 65" Monitors**, see our full line of **Touch Screen Monitors**, filter by **high brightness**, or see all monitors that can operate on 24VDC for similar models. View only **Waterproof Monitors and Touch Screens**, for example, or all **zero bezel monitors**. TRU-Vu can provide modified or **Custom OEM LCD Displays**. **Private Label Monitors** are also an option if you have very specific requirements. Visit our wide range of LCD monitor mounts and stands to complete your installation.

We also offer our 21.5" monitors/ touch screens as **Medical Grade Display** solutions.

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. We will guide you to the proper models that will work best.

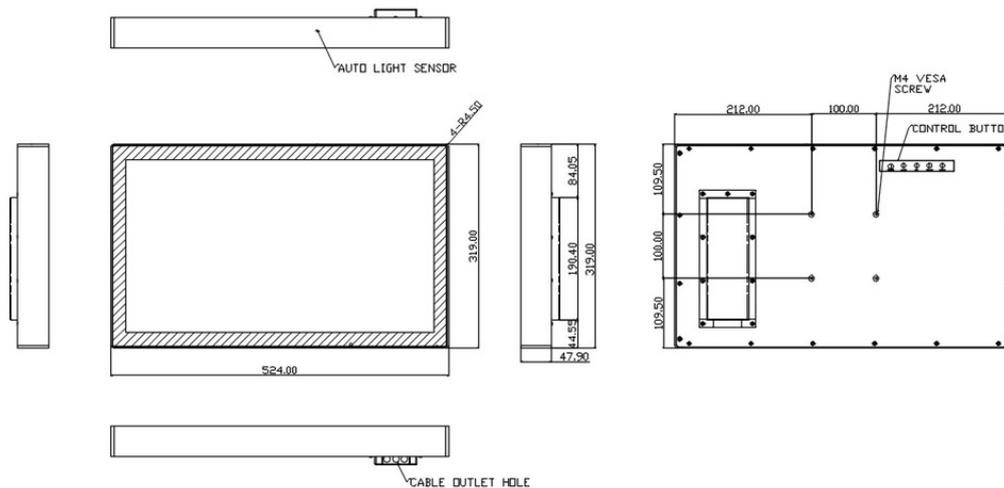
**SPECIFICATIONS**

	<b>SRMTPW-21.5Z</b>
LCD Panel	21.5" Color MVA LCD Panel; LED Backlights
Display Resolution	1920 x 1080 (Full HD)
Touch Screen Type	Projected Capacitive
Glass Treatment	Anti-Glare
Ambient Light Sensor	Yes
Touch Interface	USB

	<b>SRMTPW-21.5Z</b>
Viewable Area	18.74" (W) x 10.54" (H) (476.064 x 267.786 mm)
Pixel Pitch	0.248 mm
Display Colors	16:7M
Aspect Ratio	16:9
Brightness	1,000 nits
Contrast Ratio	5,000:1
Viewing Angle	178°(H) x 178°(V)
Response Time	25 ms
Control	OSD (On-Screen Display) via Rear Pushbuttons
Video Inputs	VGA, HDMI, Composite Video Inputs
Power Requirement	9-36VDC
Power Consumption	40 Watts
Enclosure	Stainless Steel
Enclosure Rating	NEMA 4X
Mounting	100 x 100 mm Rear VESA Mount Holes (M4 x 6mm Screws)
Operating Temperature	-4° to +176°F (-20° to +80°C)
Humidity	5-90% RH
Shock	50G Half-sine
Vibration	1.5G RMS 10-200Hz
Dimensions	20.63" (W) x 12.56" (H) x 2.42" (D) (524.0 x 319.0 x 61.53 mm)
Weight	18.5 lbs (8.4 kg)
Warranty	3 Years

Note: Specifications subject to change without notice.

**DIMENSIONS (MM)**



**Standard Accessories:**

- USB Cable
- Power Pigtail with Locking Connector

**Available Options:**

- AC Adapter
- DVI Input
- HD-SDI Input
- Private Label
- Other Customer-Specific Modifications
- Waterproof Outdoor Wall Mount Bracket (MBX-670)