

## SRMXTW-18.5 Series

### 18.5" Waterproof Sunlight Readable Touch Screen Monitor

- 1,000 nits Brightness
- Produces Clear, Sharp Images Even in Direct Bright Sunlight
- Ambient Light Sensor to Automatically Adjust Screen Brightness
- Waterproof NEMA 4X Stainless Steel Enclosure
- Lockable On-Screen Display (OSD) Controls
- Auto Re-Start After Power Loss
- TRU-Tuff Ensures Maximum Shock/Vibration Resistance
- Can Be Customized to Meet Your Needs
- 3-Year Warranty



## SUNLIGHT READABLE OUTDOOR WATER PROOF TOUCH SCREEN

The SRMXTW-18.5 Series are 18.5" outdoor touch screen monitors. These touchscreen monitors feature at least 1000 nits brightness. These outdoor waterproof touch screens have a 16:9 aspect ratio. We design this Series of 18.5" outdoor touch displays 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 will provide you with crystal-clear images, even with direct sunlight on the face of the screen.

### RUGGED TOUCH SCREEN DISPLAY

These 18.5" outdoor touch screens with high brightness 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 Waterproof NEMA 4X stainless steel enclosure ensures maximum shock and vibration resistance. This series has options available in both 5-wire resistive or projected capacitive touch technologies. A rugged waterproof aluminum enclosure is also an option.

### WATER PROOF OUTDOOR TOUCH SCREEN

These large touchscreen monitors feature a rugged waterproof enclosure. It is a stainless steel or aluminum, NEMA 4X rated waterproof enclosure. It is impervious to liquids, rust or corrosion. These 18.5" 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 MONITORS

We design the SRMXTW-18.5 Series high bright waterproof touch-screens 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 158°F (70°C). The rugged Waterproof NEMA 4X stainless steel enclosure assures these 18.5" outdoor touch screens will provide years of reliable performance. Specifically, typical MTBF for these monitors is 50,000 hours.

## OUTDOOR TOUCH DISPLAYS DEPLOYED WORLDWIDE

Our 18.5" 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.

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 EXPERS ARE READY TO HELP YOU FIND THE BEST OUTDOOR TOUCH SCREEN

TRU-Vu has over 200 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 to filter by your own specific search requirements. 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. Browse [waterproof monitors and touch screens](#), see [similar sized monitors](#), or view all [touchscreens](#). You can even shop only [monitors that operate on 24VDC](#). 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.

## HOW CAN WE HELP YOU WITH YOUR DISPLAY SELECTION?

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.

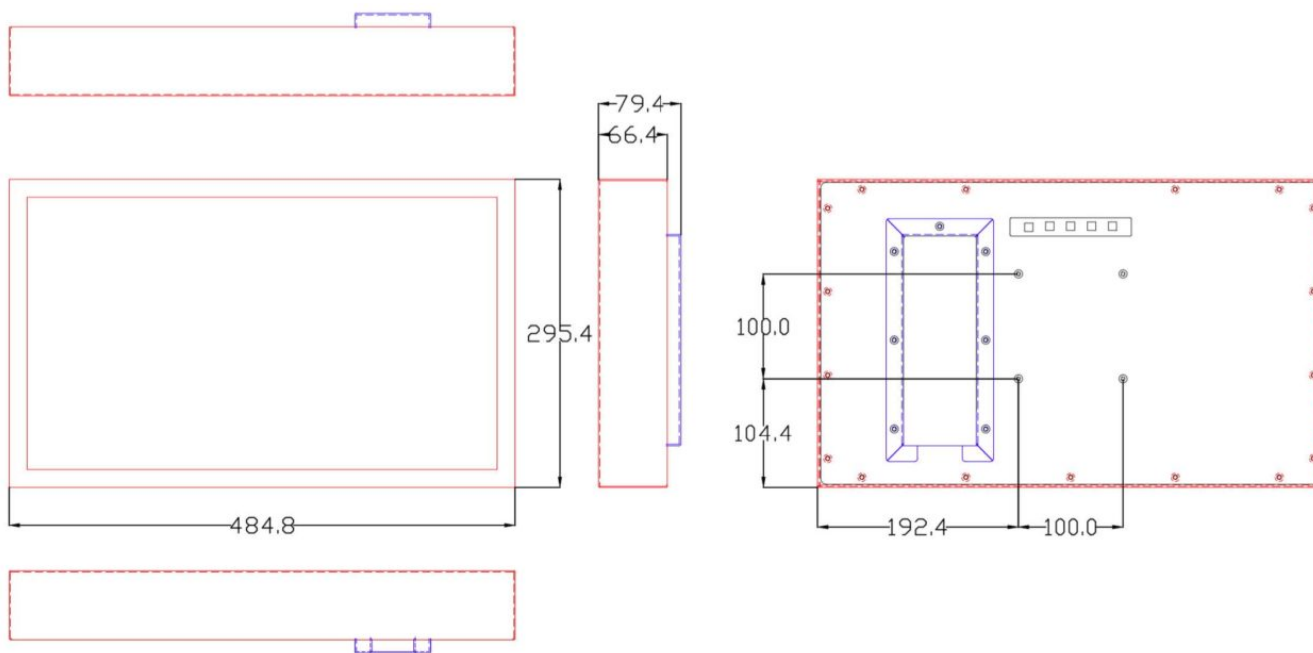
## SPECIFICATIONS

	SRMXTRW-18.5C	SRMXTPW-18.5R	SRMXTPW-18.5R-A
LCD Panel	18.5" Color AHVA Panel; LED Backlights		
Resolution	1920 x 1080 (1080P/60)		
Touch Screen	5-Wire Resistive	Projected Capacitive	
Anti-Glare Glass	N/A	Optional	Yes
Touch Interface	USB		
Viewable Area	16.13" (W) x 9.07" (H) (409.8 x 230.4mm)		
Pixel Pitch	0.213mm		
Display Colors	16.7 M		
Aspect Ratio	16:9		
Brightness	1,000 nits		
Contrast Ratio	1,000:1		
Viewing Angle	178° (H) x 178° (V)		
Ambient Light	Standard		
Response Time	20 msec		
Control	OSD (On-Screen Display) via Rear Pushbuttons		
Video Inputs	VGA, DVI	VGA, HDMI, Displayport	

	SRMXTRW-18.5C	SRMXTPW-18.5R	SRMXTPW-18.5R-A
Power Requirement	12 VDC/90-240 VAC		9-36 VDC
Power Consumption	45W @ 12VDC		
Enclosure	Stainless Steel		Aluminum
Enclosure Rating	NEMA 4X		
Mounting	100x100mm Rear VESA Mount Holes (M4 x 6mm Screws)		
Operating Temperature	-4° to +158° F (-20° to +70° C)		
Humidity	5-90% RH		
Shock	50 G (20 msec, ½ sine)		
Vibration	1.5G RMS 10-200 HZ		
Dimensions	19.09" (W) x 11.63" (H) x 3.13" (D) (484.8 x 294.4 x 3.13mm)		TBD
Weight	13.21 lbs 5.99 Kgs		TBD

Note: Specifications subject to change without notice.

## DIMENSIONS (MM)



## Standard Accessories:

- AC Power Supply
- VGA Cable
- Locking Power Pigtail (SRMXTPW-18.5R-A)
- USB Cable

## Available Options:

- Private Label
- 24 VDC Operation
- Dim-to-Black Function

- Waterproof Outdoor Wall Mount Bracket (MBX-670)