

## SRMHTPW-13.3U

### 13.3" Waterproof Sunlight Readable Touch Screen

- 1,500 nits Brightness
- Projective Capacitive Touch
- Produces Clear, Sharp Images Even in Direct Bright Sunlight
- 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
- Ambient Light Sensor Adjusts Brightness Automatically
- 3-Year Warranty
- TAA Compliant



## SUNLIGHT READABLE OUTDOOR WATER PROOF TOUCH SCREEN

The SRMHTPW-13.3U are 13" waterproof touch screen monitors. These touchscreen monitors feature 1500 nits brightness. These outdoor waterproof touch screens have a **16:9 aspect ratio**. We design this 13" 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 1500 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.

## PROJECTED CAPACITIVE TOUCH TECHNOLOGY

They are Projected Capacitive touch technology. Consequently, they 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

These 13" waterproof touch screen 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 aluminum enclosure ensures maximum shock and vibration resistance.

## WATERPROOF OUTDOOR TOUCH SCREEN

These touchscreen monitors feature a rugged waterproof enclosure. It is a waterproof NEMA 4X Stainless Steel enclosure. It is impervious to liquids, rust or corrosion. These 13" outdoor touch screen monitors will withstand the elements outdoors. They are also ideal for and 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 \(PDF\)](#)

## 13" OUTDOOR TOUCHSCREEN - EXTREME OPERATING TEMPERATURES

We design the SRMHTPW-13.3U 13" 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 158°F (+70°C). Additionally, the rugged stainless steel enclosure assures these 13" outdoor touch screens will provide years of reliable performance. Specifically, typical MTBF for these monitors is 50,000 hours.

**OUTDOOR TOUCH SCREENS DEPLOYED WORLDWIDE**

Our 13" 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.

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

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. 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. For instance, view all **waterproof monitors and touch screens**, or see only **touch screen monitors**. Sort by size **13-19" monitors** and complete your installation with our **Brackets, stands and mounts**. Custom OEM LCD Displays and Private Label Monitors are also an option if you have very specific requirements.

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.

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>SRMHTPW-13.3U</b>
LCD Panel	13.3" AHVA LCD; LED Backlights
Touch Screen Type	Projected Capacitive Touch
Touch Interface	USB
Resolution	1920 x 1080 (1080P/60 Full HD)
Viewable Area	11.55" (W) x 6.50" (H) (293.472 x 165.078 mm)
Pixel Pitch	0.15285mm
Display Colors	16.7M
Aspect Ratio	16:9
Brightness	1,500 nits
Contrast Ratio	800:1
Viewing Angle	178° (H) x 178° (V)
Response Time	25msec Trf

	<b>SRMHTPW-13.3U</b>
Control	OSD (On-Screen Display) via Rear Pushbuttons
Video Inputs	VGA, HDMI, Composite (BNC Loop-Thru)
Power Requirement	9-36VDC
Power Consumption	10.4 W (866mA @ 12 VDC)
Enclosure	Stainless Steel
Enclosure Rating	NEMA 4X
Mounting	100 x 100 mm Rear VESA Mount Holes
Operating Temperature	-4° to +158° F (-20° to +70° C)
Humidity	5-90% RH
Shock	50 G (20 msec, Half-sine Wave)
Vibration	1.5GRMS 10-200 HZ
Dimensions	TBD
Weight	TBD
Warranty	3 Years

Note: Specifications subject to change without notice.

**Standard Accessories:**

- HDMI Cable
- 2.5mm Locking Power Pigtail
- USB Cable

**Available Options:**

- Optical Bonding
- Lightweight Aluminum Enclosure
- Private-Label
- Waterproof Outdoor Wall Mount Bracket (MBX-670)