

SRMXOBW-10.4U

10.4" Waterproof Sunlight Readable Monitor

- Produces Clear, Sharp Images Even in Direct, Bright Sunlight
- 1,000 nits Screen Brightness
- Optical Bonding Improves Image Quality
- Protective Anti-Reflective Glass
- NEMA 4X Waterproof Stainless Steel Enclosure
- TRU-Tuff Ensures Maximum Shock/Vibration Resistance
- Lockable OSD (On-Screen Display) Controls
- 3-Year Warranty
- TAA Compliant



1000 NITS BRIGHTNESS DISPLAYS

The SRMXOBW-10.4U are 10.4" Sunlight Readable displays with the addition of Optical Bonding. They feature at least 1000 nits screen brightness and a 4:3 aspect ratio. We design the SRMOBW-10.4 Series 10.4" 1000 nits display 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. In contrast, this is over 3 to 5 times brighter than standard monitors. For example, standard monitors are only 200-300 nits brightness.

OPTICAL BONDING



The SRMXOBW-10.4U 10.4" 1000 nit displays feature Anti-Reflective glass to protect the LCD panel. The glass also reduces unwanted surface reflections. However, the glass also introduces internal reflections. Therefore, TRU-Vu daylight readable monitors include Optical Bonding. This process injects an optical-grade resin into the air gap between the LCD panel and the glass, and completely fills the gap. The Optical Bonding eliminates the internal reflections and increases the contrast ratio, thereby greatly improving image quality. Optical Bonding also eliminates moisture and condensation beneath the glass.

RUGGED INDUSTRIAL MONITORS

These 10.4" 1000 nit 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. Lastly, we apply ThreadLock to all screws. The rugged NEMA 4X Waterproof Stainless Steel Enclosure ensures maximum shock and vibration resistance for this rugged 1000 nit monitor.

WATERPROOF OUTDOOR MONITOR

These monitors feature a rugged waterproof stainless steel enclosure. It is impervious to liquids, rust or corrosion. It is rated

NEMA 4X, and features protective Anti-Reflective glass over the LCD panel. This monitor will withstand the elements outdoors and 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 \(PDF\)](#)

OUTDOOR MONITOR WITH EXTREME OPERATING TEMPERATURES

We design the SRMXOBW-10.4" High Brightness Displays 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 -22°F (-30°C). They will also withstand brutal heat. Moreover, operating temperatures go up to 185°F (85°C). The rugged NEMA 4X Stainless Steel assures these 10.4" high brightness displays will provide years of reliable imaging performance. Specifically, typical MTBF for these monitors is 50,000 hours.

HIGH BRIGHT DEPLOYED WORLDWIDE

Our 10.4" Sunlight Readable LCD 1000 nit screen brightness monitors have been deployed in a wide range of demanding industries. For example, **military, law enforcement, aviation and entertainment** benefit. 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 WILL HELP YOU FIND THE BEST WATERPROOF DISPLAY FOR OUTDOORS

With 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](#). This enables you to filter by your own specific important features. See all of our [Sunlight Readable Monitors](#), or sort by size of [7-12" monitors](#). View our vast variety [Waterproof Outdoor Displays](#) and [24VDC monitors](#). TRU-Vu Monitors also offers a wide range of LCD monitor mounts and stands. Custom OEM LCD Displays and Private Label Monitors are also an option if you have very specific requirements.

However demanding your application may be, we will provide the very best solution. Our vast client base shows our versatility in providing the very best Sunlight Readable Monitors in the industry. **What is a sunlight readable monitor?** To learn even more- watch this [video](#).

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

	SRMXOBW-10.4U
LCD Panel	10.4" LCD; LED Backlights
Screen Treatment	Optical Bonding with Anti-Reflective Glass
Resolution	1024 x 768
Viewable Area	8.3" (W) x 6.2 (H) (210.4 x 157.8 mm)
Pixel Pitch	0.2055
Display Colors	16.2 Million
Aspect Ratio	4:3

	SRMXOBW-10.4U
Brightness	1,000 nits
Contrast Ratio	3,000:1
Optical Bonding	Standard
Viewing Angle	178° (H) x 178° (V)
Response Time	30 msec
Control	OSD (On-Screen Display) via Rear Panel Pushbuttons
Video Inputs	VGA, HDMI, Composite BNC Loop-Thru
Power Requirement	24 VDC (2.5mm Connector) /12VDC w/ included AC Adaptor
Power Consumption	16 W
Enclosure	Stainless Steel
Enclosure Rating	NEMA 4X
Mounting	75 x75 mm Rear VESA Mount Holes (M4 x 6mm Screws)
Operating Temperature	-31° to +185°F (-35° to +85°C)
Shock	50 G (20 msec, ½ sine)
Vibration	1.5G RMS (10-200 HZ, P-P) 30 mins./axis (X,Y,Z)
Dimensions	12.28" W x 9.3" H x 2.84" D (311.9mm W x 236.3mm H x 72.2mm D)
Weight	TBD
Warranty	3 Years

Note: Specifications subject to change without notice.

DIMENSIONS (MM)



Standard Accessories:

- VGA Cable (SRMXOBW-10.4U Only)
- HDMI Cable (SRMXOBW-10.4U Only)
- 90-240 VAC Power Supply

Available Options:

- 9-36 VDC Operation
- 1,500 Nits Brightness
- Private Label
- Other Customer-Specific Modifications