SRMHXT-12 Series

12 Inch Sunlight Touch Screens

- 1,500 nits Brightness
- Produce Clear, Sharp Images Even in Direct Bright Sunlight
- 5-Wire Resistive Touch or Surface Capacitive Touch Screen
- Auto Re-Start After Power Loss
- *TRU-Tuff* Treatment for Maximum High Shock & Vibration Resistance
- Lockable On-Screen Display Controls
- Internal Speaker
- 3-Year Warranty

HIGH BRIGHTNESS 12 INCH SUNLIGHT TOUCH SCREEN DISPLAYS

The SRMHXT-12 Series are 12 inch sunlight touch screen monitors. They feature at least 1500 nits brightness and a 4:3 aspect ratio. We design the SRMHXT-12 Series monitors 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 1,500 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. The SRMHXOBTC-12R-24 and the SRMHXOBTC-12G-24 high brightness touch screen monitors are also Optically Bonded! Therefore, the result is an amazingly bright, crisp image. This will provide you with crystal-clear images, even with bright, direct sunlight on the face of the screen.

RUGGED INDUSTRIAL TOUCH SCREEN MONITORS

The SRMHXT-12 Series 12 inch sunlight touch monitors 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 ABS enclosure will ensure maximum shock and vibration resistance for this rugged 1500 nits brightness monitor.

EXTREME OPERATING TEMPERATURES IN A 12″ TOUCH SCREEN

We design the SRMHXT-12 inch sunlight touch screen 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, with operating temperatures up to +140°F (+60°C). The rugged ABS enclosure assures these 12″ high brightness touch screens will provide years of reliable imaging performance. For the most demanding applications, the SRMHXTR-12R features operating temperatures of -22°F to +185°F, and a powder-coated steel enclosure. Typical MTBF for these monitors is 50,000 hours.

HIGH BRIGHTNESS TOUCH SCREENS DEPLOYED WORLDWIDE

Our 12″ high brightness touch screen monitors have been deployed in a wide range of demanding industries. For example, military, law enforcement, industrial manufacturing, aviation and entertainment benefit. They are also found in inspection, kiosks, heavy equipment, and transportation. TRU-Vu monitors are backed by our full 3-Year Warranty. This ensures you of many years of reliable service for your 12 inch sunlight touch screen.

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.

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

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 important features. Filter by Sunlight Readable monitors for challenging environments or size 7-12″ monitors. View our 24VDC displays or all Touch Screen Monitors. Custom OEM LCD Displays and 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!

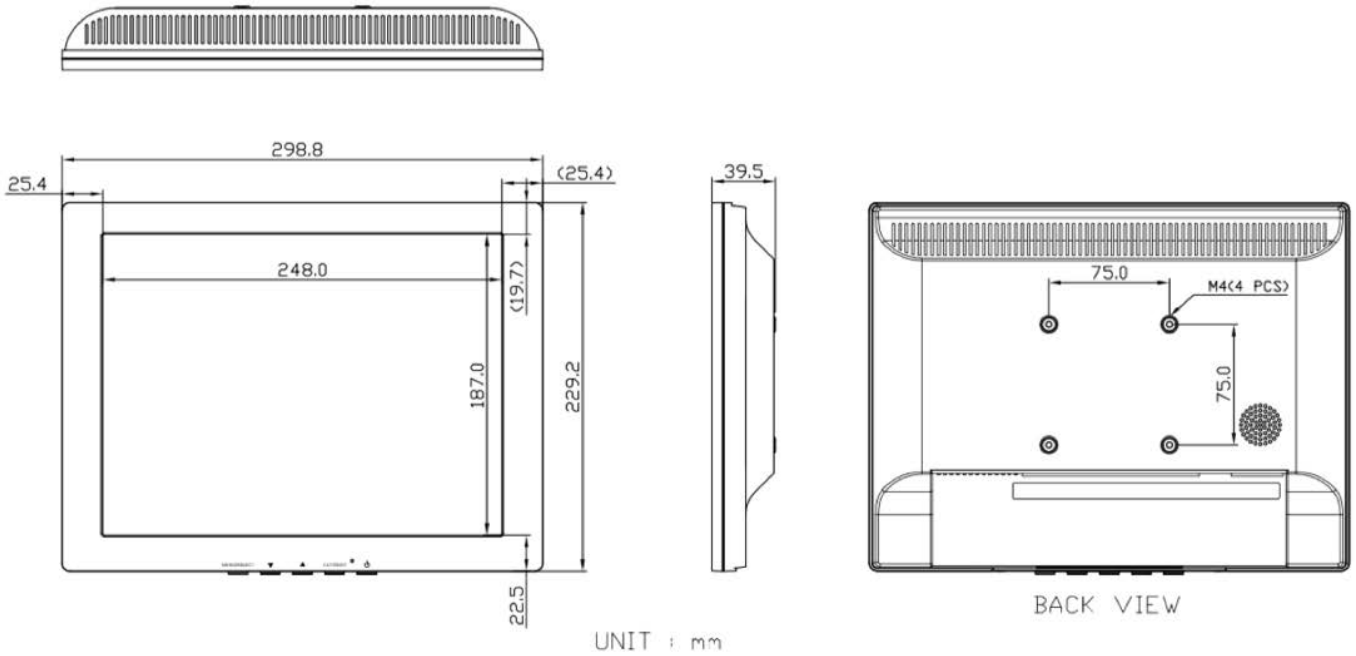
If you prefer, fill out a quick form with your requirements, and we will guide you to the proper models that will work best.

SPECIFICATIONS

	SRMHXTR-12C-24	SRMHXOBTC-12G-24
LCD Panel	12.1" Color LCD; LED Backlights	
Resolution	1024 x 768	
Touch Screen Type	5-Wire Resistive	Capacitive Touch
Touch Screen	USB	
Viewable Area	9.68" (W) x 7.26" (H) (245.76 x 184.32 mm)	
Pixel Pitch	0.24mm	
Display Colors	16.2 Million	
Aspect Ratio	4:3	
Brightness	1,500 nits	1,500 nits & Optically Bonded
Contrast Ratio	700:1	900:1
Viewing Angle	160° (H) x 160° (V)	
Response Time	35 msec Trf	
Protective Glass	---	Anti-Glare Glass Standard
Control	OSD (On-Screen Display) via Front Panel Pushbuttons	
Audio	Rear Speakers	
Video Input	VGA & DVI	HDMI, DVI, DisplayPort
Power Requirement	12-24 VDC (2.1 mm Barrel Plug)	
Power Consumption	15 Watts	
Enclosure	ABS	
Mounting	Included Tabletop Base or 75x75mm Rear VESA Mount Holes	
Operating Temp	-22°F to +140°F (-30° to +60°C)	
Humidity	5-90% RH	
Shock	50 G (20 msec, ½ sine)	
Vibration	1.5G RMS (10-200 HZ, sine wave)	
Dimensions	11.76" (W) x 9.02" (H) x 1.5" (D) (298.8 x 229.2 x 39.5 mm)	
Weight	3.46 lbs. (1.57 kg)	3.84 lbs. (1.74 kg)
Warranty	3-Years	

Note: Specifications subject to change without notice.

DIMENSIONS (MM)



Standard Accessories:

- 90-240 VAC Power Brick (SRMHXTR-12R-M, SRMHXTC-12C and SRMHXOBTC-12R-24 only)
- VGA Cable
- DVI Cable
- Audio Cable
- USB Cable
- Power Pigtail
- HDMI Cable (SRMHTXOBTC-12G-24)

Available Options:

- 90-240 VAC via PS-12 Power Supply (SRMHXTR-12C-24 only)
- Automated Ambient Light Sensor
- Panel Mount
- Powder-Coated Steel Enclosure
- Open-Frame Configuration
- Private Label
- Other Customer - Specific Modifications