SRMHXTR-12R-HR2

12" Sunlight Readable Touch Screen



- 1,500 nits Brightness Produces Clear, Sharp Images Even in Direct, Bright Sunlight
- *TRU-Tuff* Ensures Maximum Shock & Vibration Resistance
- 5-wire Resistive Touch Screen
- Ambient Light Sensor
- -30°C to 70°C Operating Temperature
- TAA Compliant

HIGH BRIGHTNESS TOUCH SCREEN DISPLAYS – 12″ SUNLIGHT READABLE TOUCH SCREEN

The SRMHXTR-12R-HR2 are 12″ sunlight readable touch screens. They feature at least 1,500 nits brightness and a 4:3 aspect ratio. We design the SRMHXTR-12R-HR2 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 SRMHXTR-12R-HR2 produce at least 1,500 nits brightness. In contrast, this is over 5 to 6 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 bright, direct sunlight on the face of the screen. It is also compatible with Automation Direct HMI.

RUGGED INDUSTRIAL 12″ TOUCH SCREEN MONITORS

The SRMHXTR-12R-HR2 12″ Sunlight Readable touch screen 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 steel options for the enclosure will ensure maximum shock and vibration resistance for this rugged 1500 nits brightness monitor.

12″ TOUCH SCREEN WITH HIGH OPERATING TEMPERATURES

We design the SRMHXTR-12R-HR2 sunlight readable 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 -30°C. They will also withstand brutal heat, with operating temperatures up to 70°C. The rugged steel enclosure assures these 12″ high brightness touch screens will provide years of reliable imaging performance.

TRU-VU TOUCHSCREENS 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.

We specialize in providing Sunlight Readable monitors and touch-screens for challenging environments. 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 MONITOR EXPERTS ARE READY TO HELP YOU FIND THE BEST LCD DISPLAY

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. For example, this enables you to filter by your own specific search requirements. View similar sized 13.3″ – 19″ monitors and touch screens or filter by 24VDC displays. TRU-Vu can provide modified or Custom OEM LCD Displays. 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!

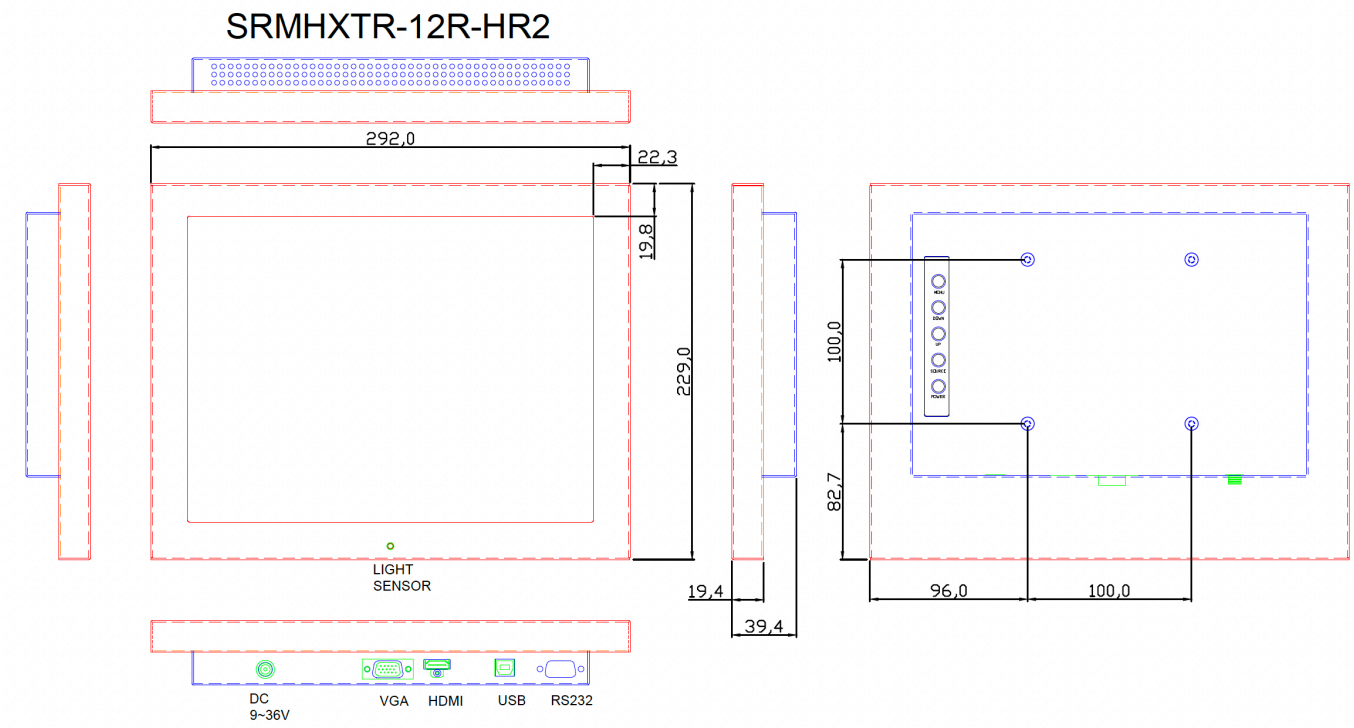
If you prefer, fill out a quick form with your requirements, and we will guide you to the proper models that will work best.

SPECIFICATIONS

	SRMHXTR-12R-HR2
LCD Panel	12" LCD; LED Backlights
Native Resolution	1024 x 768
Aspect Ratio	4:3
Viewable Area	9.7" (W) x 7.3" (H) (245.8 x 184.3 mm)
Pixel Pitch	0.240mm x 0.240mm
Display Colors	16.7 M
Brightness	1,500 nits
Contrast Ratio	1,000:1
Viewing Angle	178° (H) x 178° (V)
Response Time	12 msec (Tr+Tf)
Video Inputs	VGA, HDMI & DisplayPort
Touch Technology/Interface	5-Wire Resistive/USB
Control	OSD (On-Screen Display) via Rear Panel Pushbuttons
Power Input	9-36 VDC (90-240VAC via Optional AC Power Adapter)
Power Consumption	23W
Operating Temperature	-22°F to 158°F (-30° to +70°C)
Enclosure/Material	Painted Steel
IP Rating	IP20
VESA Pattern	100 x 100 mm Rear VESA Holes (M4 x 8mm Screws)
Dimensions	11.5"(W) x 9.01"(H) x 1.6"(D) (292mm x 229 x 39.4 mm)
Weight	
Humidity	5-90% RH
Shock	50 G (20 msec, 1/2 sine)
Vibration	1.5G RMS, 10-200 Hz
Certifications/Approvals	RoHS, REACH
Warranty	3 Years

Note: Specifications subject to change without notice.

DIMENSIONS (MM)



Standard Accessories:

- 2.5mm Locking Power Pigtail
- VGA Cable
- HDMI Cable
- USB & RS-232 Cable

Available Options:

- DVI Input
- Tabletop Base
- Panel-Mount Enclosure
- Waterproof Enclosure
- Open-Frame Configuration
- Other Customer – Specific Modifications
- Private Label

- Rack Mount Bracket for 17" MB-Rack-17