## SRM-8.4B

### 8.4" High Brightness Display

- Produces Clear, Sharp Images Even in Direct, Bright Sunlight
- 1,000 nits Brightness
- *TRU-Tuff* Ensures Maximum Shock/Vibration Resistance
- Lockable OSD (On-Screen Display) Controls
- Auto Re-Start After Power Loss
- TAA Compliant

## HIGH BRIGHTNESS DISPLAYS

The SRM-8.4B are 8.4″ High Brightness Displays. They feature 1000 nits brightness and a  4:3 aspect ratio.  We design the SRM-8.4B 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.  In contrast, this is over 3 to 5 times brighter than standard monitors.  For example, standard monitors are  only 200-300 nits brightness. Therefore, the result is amazingly bright screen.  This will provide you with crystal-clear images, even with bright, direct sunlight on the face of the screen. This 8.4″ LCD is a 1000 nit monitor with 4:3 aspect ratio.

## RUGGED 8.4″ LCD MONITORS

The SRM-8.4B Sunlight Readable 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 enclosure will ensure maximum shock and vibration resistance for this rugged 1000 nit monitor.

## 8.4″ SUNLIGHT READABLE MONITORS WITH EXTREME OPERATING TEMPERATURES

We design the SRM-8.4B High Brightness Display Series to operate in nearly any environmental conditions.  Whether in frigid conditions or blazing heat, these sunlight displays will survive and thrive. To clarify, some of these monitors will operate in temperatures down to -22°F (-30°C).  They will also withstand brutal heat.  Moreover, operating  temperatures go up to +140°F (60°C).  The rugged steel enclosure assures these 8.4″high brightness displays will provide years of reliable imaging performance.  Specifically, typical MTBF for these monitors is 50,000 hours.

### 1000 NIT MONITORS DEPLOYED WORLDWIDE

Our 8.4″ LCD Sunlight Readable 1000 nit monitors have been deployed in a wide range of demanding industries. For example, military, law enforcement,  Aviation and entertainment benefit. They are also found in inspection, surveying, cranes, and transportation.  *TRU-Vu* monitors are backed by our full 3-Year Warranty.  This ensures you of many years of reliable service.
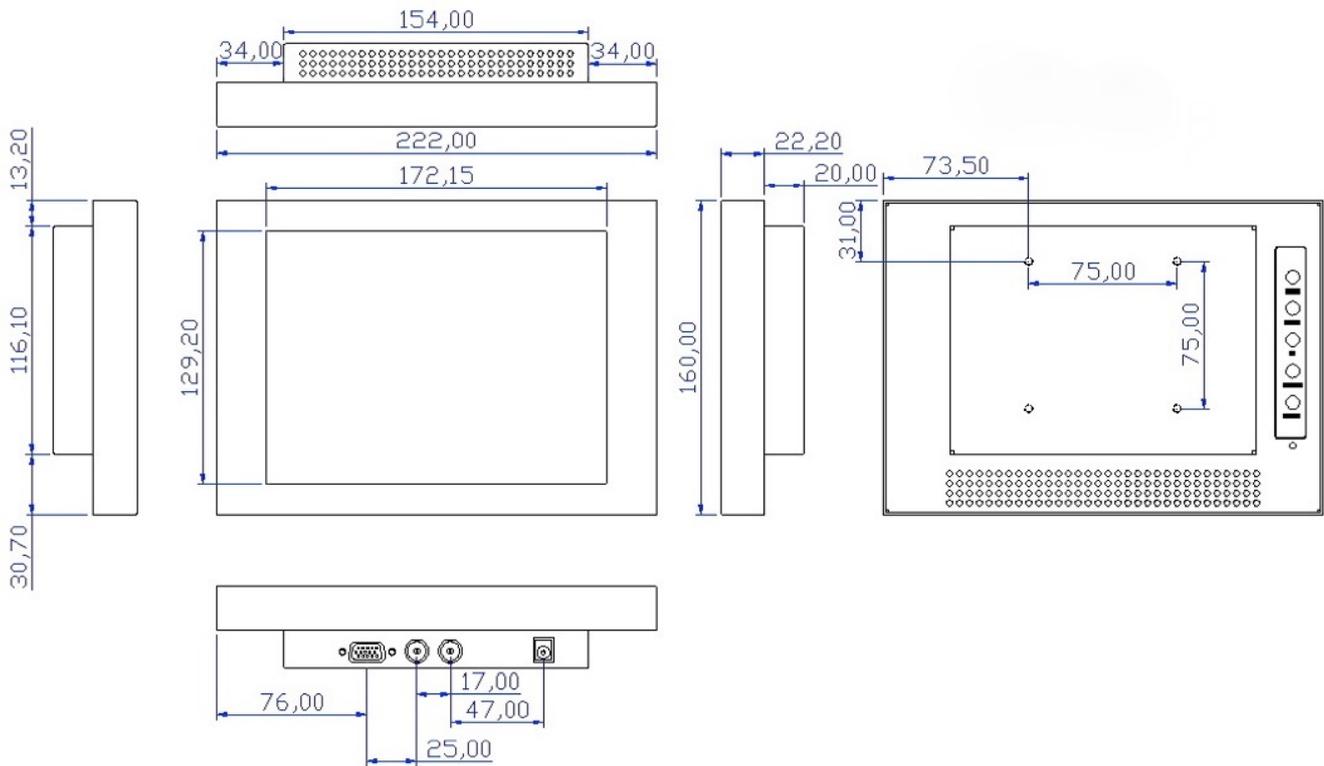
In conclusion, see our full line-up of industrial-grade Sunlight Readable and Daylight Readable options and models. This highlights all of our high brightness monitors. Additionally, you'll find the sunlight readable touch screens in all the sizes and configurations available.  See our full line of 24VDC monitors and touchscreens. Shop by size of 7 to 12″ industrial monitors.

## SPECIFICATIONS

| | **SRM-8.4B** |
|---|---|
| LCD Panel | 8.4" Color LCD;LED Backlights |
| Resolution | 800 x 600 (SVGA) |
| Viewable Area | 6.71" (W) x 5.03" (H) (170.4 x 127.8 mm) |
| Pixel Pitch | 0.213 mm |
| Display Colors | 16.2m |
| Aspect Ratio | 4:3 |
| Brightness | 1,000 nits |
| Contrast Ratio | 600:1 |
| Viewing Angle | 160° (H) x 160° (V) |
| Response Time | 30 msec |
| Control | OSD (On-Screen Display) via Rear Panel Pushbuttons |
| Video Inputs | VGA, Composite BNC Loop Thru, NTSC/PAL Auto-Recognition |
| Power Requirement | 12 VDC (2.1 mm Barrel Plug); 90-240 VAC via Included Power Brick |
| Protective Glass | Optional |
| Power Consumption | 12W |
| Enclosure | Painted Steel |
| Mounting | 75 x 75 mm Rear VESA Hole Pattern (M4 x 6mm Screws) |
| Operating Temperature | -22˚ to +140˚F (-30˚ to +60˚C) |
| Humidity | 5-90% RH |
| Shock | 50G, 20ms, Half-sine wave |
| Vibration | 1.5G (10-200 Hz, P-P) 30 mins./axis (X,Y,Z) |
| Dimensions | 8.74" (W) x 6.30" (H) x 1.66" (D) (222 x 160 x 42.20 mm) |
| Weight | 2.5 lbs. (1.17 kg) |
| Warranty | 3-Years |

Note: Specifications subject to change without notice.

## DIMENSIONS (MM)

**Standard Accessories:**

- 90-240 VAC Power Brick

**Available Options:**

- 1,500 nits Brightness (SRM-8.4B-24)
- 24 VDC Operation (SRM-8.4B-24)
- -22° to +185°F Operating Temperature (SRM-8.4B-24)
- Surface Capacitive Touch Screen (SRMHTC-8.4C-24)
- 5-Wire Resistive Touch Screen (SRMTR-8.4V)
- Waterproof Panel-Mount Touch Screen (SRMHTRWP-8.4H)
- Automated Ambient Light Sensor
- Dim-To-Black
- Open-Frame Configuration
- Panel Mount
- 1024 x 768 Resolution
- Optical Bonding
- Protective/Anti-Reflective Glass
- Private Label
- Move OSD Control Buttons onto Front Bezel
- 5-Video input
- HDMI Input