

## SRMOB-10.4 Series

### 10.4" Sunlight Readable Optically Bonded Monitors

- Produces Clear, Sharp Images Even in Direct, Bright Sunlight
- 1,000 or 1,500 nits Brightness
- Optical Bonding Improves Image Quality
- *TRU-Tuff* Ensures Maximum Shock/Vibration Resistance
- Lockable OSD (On-Screen Display) Controls
- Auto Re-Start After Power Loss
- TAA Compliant



## 1,500 NITS DISPLAYS

The SRMOB-10.4 Series are 10.4" high brightness display with the addition of Optical Bonding. They feature 1,000 or 1,500 nits brightness and a 4:3 aspect ratio. We design the SRMOB-10.4 Series 10.4" 1000 nits brightness 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. 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 an amazingly bright screen. This will provide you with crystal-clear images, even with bright, direct sunlight on the face of the screen.

## OPTICALLY BONDED MONITORS



The SRMOB-10.4 Series 10.4" high brightness 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" high brightness display 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 steel enclosure ensures maximum shock and vibration resistance for this rugged 1000 nit monitor.

## MONITORS WITH EXTREME OPERATING TEMPERATURES

We design the SRMOB-10.4 Series 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, these monitors will operate in temperatures down to -22°F (-30°C). They will also withstand brutal heat. Moreover, operating temperatures go up to 176°F (+80°C). The rugged steel enclosure 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 BRIGHTNESS MONITORS DEPLOYED WORLDWIDE

Our 10.4" Sunlight Readable LCD 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 deployed in inspection, marine cranes, and transportation. TRU-Vu monitors are backed by our full 3-Year Warranty. This ensures you of many years of reliable service.

## WE ARE READY TO HELP YOU FIND THE BEST DISPLAY FOR VIEWING IN SUNLIGHT

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 [daylight viewable and sunlight readable monitors](#), or sort by size of [7-12" monitors](#). View all of our [24VDC monitors and touch screens](#). 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. 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.

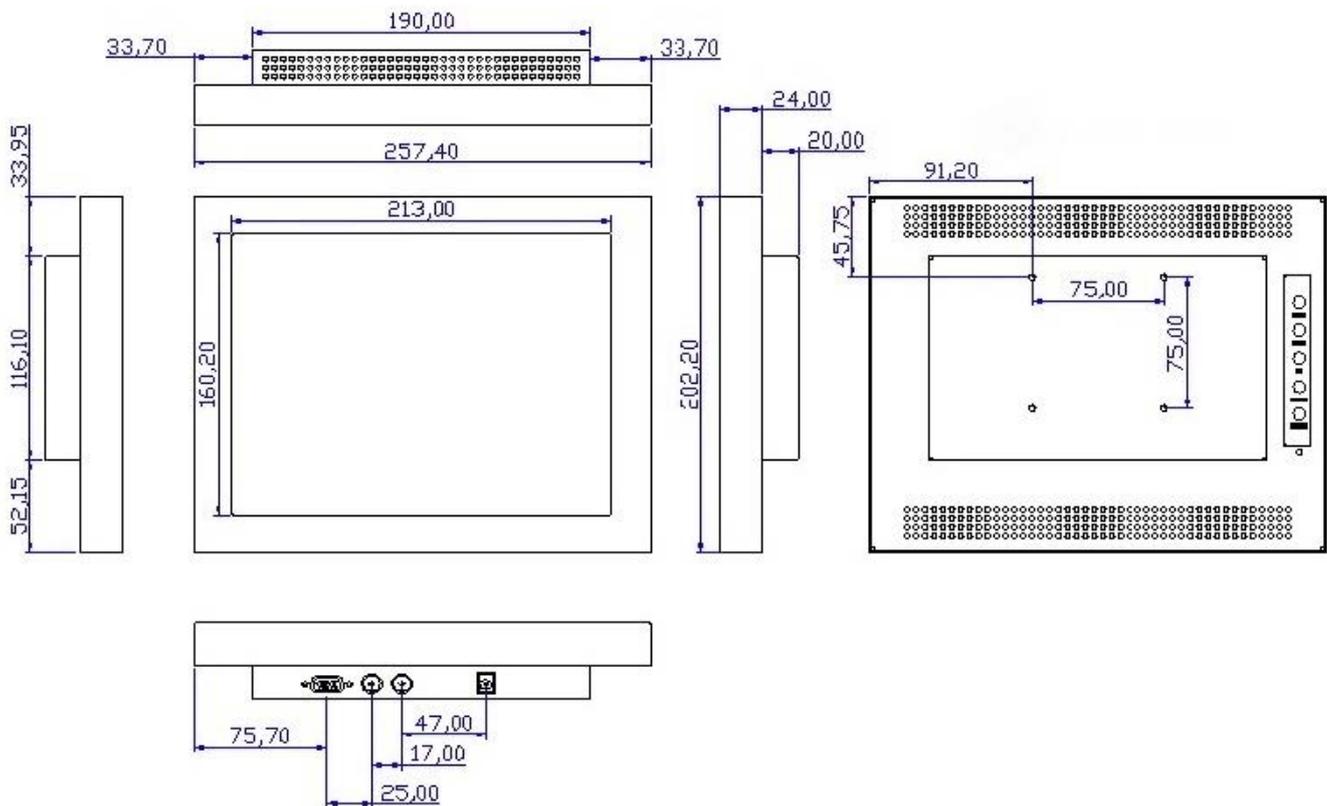
## SPECIFICATIONS

|                   | SRMOB-10.4N2-36                                    | SRMOB-10.4B         |
|-------------------|--|---------------------|
| LCD Panel         | 10.4" Color LCD; LED Backlights                    |                     |
| Screen Treatment  | Optical Bonding                                    |                     |
| Front Glass       | Anti-Reflective                                    |                     |
| Resolution        | 800 x 600 (SVGA)                                   |                     |
| Viewable Area     | 8.31" (W) x 6.24" (H) (211.2 x 158.4 mm)           |                     |
| Pixel Pitch       | 0.2055   | 0.264               |
| Display Colors    | 16.2M  |                     |
| Aspect Ratio      | 4:3  |                     |
| Brightness        | 1,000 nits   | 1,500 nits          |
| Contrast Ratio    | 3,000:1  | 700:1               |
| Viewing Angle     | 160° (H) x 140° (V)                                | 160° (H) x 140° (V) |
| Response Time     | 15 msec  |                     |
| Control           | OSD (On-Screen Display) via Rear Panel Pushbuttons |                     |
| Video Inputs      | Composite BNC x 2                                  | VGA, BNC Loop-thru  |
| Power Requirement | 11-36VDC (2.5mm Locking Barrel Plug)               | 12VDC/100-240VAVAC  |
| Power Consumption | 16W  |                     |
| Enclosure         | Painted Steel                                      |                     |
| Mounting          | 75 x 75 mm Rear VESA Hole Mounts (M4 x 6mm Screws) |                     |

|                 | SRMOB-10.4N2-36   | SRMOB-10.4B |
|-----------------|---|-------------|
| Operating Temp. | -22° to +176° F (-30° to +80° 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      | 10.13" (W) x 7.96" (H) x 1.73" (D)<br>(257.4 x 202.2 x 44 mm) |             |
| Weight          | 3.86 lbs. (1.75 kg)   |             |
| Warranty        | 3 Years   |             |

Note: Specifications subject to change without notice.

**DIMENSIONS (MM)**



**Standard Accessories:**

- DC Power Pigtail with Locking 2.5mm Connector (SRMOB-10.4N2-36)
- AC Adapter (SRMOB-10.4B)
- VGA Cable (SRMOB-10.4B)

**Available Options:**

- Automated Ambient Light Sensor
- NEMA 4 Waterproof Enclosure

- Move OSD Control Buttons onto Front Bezel
- Dim-to-Black
- DVI Video Input
- Dual BNC Inputs
- Panel Mount
- Private Label
- Other Customer - Specific Modifications