

## SRMOBTP-15.6A-OF



### 15.6" Sunlight Readable Open Frame Touch Screen

- Open Frame 15.6" Touch Screen
- Produces Clear, Sharp Images Even in Direct Bright Sunlight
- 1,000 Nits – Sunlight Readable
- Optically Bonded with Anti-Glare and Anti-UV Protection
- Projected Capacitive Touch (USB) works with thick gloves up to 5mm thick
- Works Through Heavy Rain and Snow Without False Triggers
- 1920 x 1080 Resolution (FULL HD)
- VGA, HDMI & DVI Video Inputs
- 24 VDC (optional AC Adapter)
- -22° to +185°F (-30° to +85°C) Operating Temperature
- Design and Engineering Support in the USA

## OPEN FRAME 15.6" SUNLIGHT READABLE TOUCH SCREEN - HIGH BRIGHTNESS TOUCH SCREEN DISPLAYS

The SRMOBTP-15.6A-OF are open frame 15.6" Touch Screens that are Sunlight Readable. They feature 1,000 nits brightness and a 16:9 aspect ratio. We design the SRMOBTP-15.6A-OF open frame touch screens for use in direct sunlight. Consequently, they are also perfect for other high ambient-light conditions. They utilize state-of-the-art LED backlights. They produce 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. 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.

## YOUR SOURCE FOR OPEN FRAME MONITORS

At TRU-Vu Monitors we understand that an OEM or systems integrator may need to integrate frameless monitors into limited space areas. Specifically, they may need to be inserted into a panel, enclosure, or kiosk. Other examples might include a control box, or carrying case. But, a standard LCD monitor enclosure may not fit properly. Therefore, we offer a full range of open frame monitors and LCD modules to accommodate nearly any space restrictions you may have. The SRMOBTP-15.6A-OF open frame 15.6 Sunlight Readable Touch Screen models are extremely rugged built with true industrial-grade components.

## RUGGED INDUSTRIAL P-CAP TOUCH SCREEN DISPLAYS WITH TRU-TOUCH TECHNOLOGY

The SRMOBTP-15.6A-OF frameless monitor touch screens are extremely rugged. For instance, we build them with true industrial-grade components. Furthermore, they receive our exclusive TRU-Touch technology. The TRU-Touch process ensures that the outer surface of the touch display are scratch-resistant. This offers not only protection to the display, but helps retain the image clarity, allowing optimal performance in challenging applications. TRU-Touch provides reliable response through water and liquids, extreme temperatures. In addition to a bare finger it can also be activated with not only surgical gloves or thin cotton gloves, but some thicker gloves as well. Secondly, P-Cap enables multi-touch activation (simultaneous input from two or more fingers). This is a 10 point touch panel.

## OPEN FRAME TOUCHSCREEN WITH EXTREME OPERATING TEMPERATURES AND WEATHER CONDITIONS

We design the SRMOBTP-15.6A-OF 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, this 15.6" open frame touch screen will operate in temperatures down to -22°F (-30°C). With the extended operating temperatures, they will also withstand brutal heat up to 185°F (+85°C). Projected Capacitive Touch (USB) works with thick gloves up to 5mm thick and works through heavy rain and snow without false triggers.

## WHAT IS OPTICAL BONDING?

Some monitors have a sheet of glass over the LCD panel. This protects the panel from accidental or intentional damage. However, the glass also produces unwanted glare and reflections. Internal reflections in the air gap between the glass and the LCD panel diminish image quality even further. In order to combat this, monitors are optically bonded.

**Optical bonding** is the process of laminating protective glass or a touch screen panel to the LCD panel. An optical-grade resin is inserted between the glass and LCD. This completely fills the air gap. It will not only eliminate the internal reflections, but increase the contrast ratio. This makes the screen much more viewable in bright light conditions. Optical bonding will also eliminate internal moisture and condensation. Moreover, it will make the monitor more rugged and durable. Lastly, an Anti-Reflective coating is applied to the outside of the glass. Consequently, this will drastically reduce glare and surface reflections.

## 15.6" TOUCH SCREENS DEPLOYED WORLDWIDE

Visit our [Open Frame Page](#) for more details. Our 15.6" 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 TECHNICAL EXPERTS ARE READY TO HELP YOU FIND THE BEST TOUCH SCREEN 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. Shop by size **13.3" - 19" Monitors**, or see our full line of **No Bezel Monitors** and **Touch Screens**. We also offer our 15.6" monitors/ touch screens as **Medical Grade Display** solutions. Visit our wide range of LCD monitor mounts and stands to complete your installation.

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!

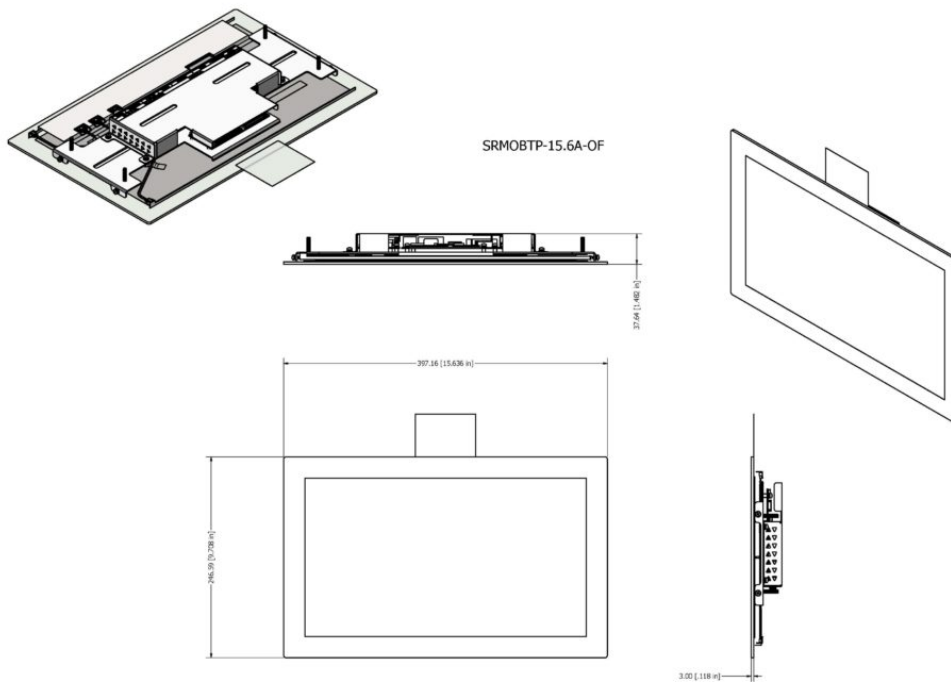
If you prefer, fill out a [quick form](#) with your requirements, and we will guide you to the proper models that will work best.

## SPECIFICATIONS

	<b>SRMOBTP-15.6A-OF</b>
LCD Panel	15.6" Color LCD; LED Backlights
Touch	Projected Capacitive
Touch Interface	USB
Resolution	1920x1080 Full HD
Glass	Anti-Glare, Anti UV
Viewable Area	13.55" (W) x 7.61" (H) (344.23 x 193.53 mm)
Pixel Pitch	0.17925 mm
Display Colors	16.7M
Aspect Ratio	16:9
Brightness	1,000 nits
Contrast Ratio	1000:1
Viewing Angle	178° (H) x 178° (V)
Response Time	25 Trf
Control	OSD (On-Screen Display) via Pushbuttons
Video Inputs	VGA, HDMI, DVI
Power Requirement	24VDC
Power Consumption	TBD
Operating Temperature	-22° to +185°F (-30° to +85°C)
Humidity	5-90% RH
Shock	50 G (20 msec, ½ sine)
Vibration	1.5G RMS 10-200 HZ
Dimensions	15.636" (W) x 9.308" (H) x 1.482" (D) (397.16 x 246.50 x 37.64 mm)
Weight	TBD

Note: Specifications subject to change without notice.

## DIMENSIONS (MM)



**Standard Accessories:**

- HDMI Cable
- USB Cable
- Power Cables

**Available Options:**

- 90-240VAC External Power Adapter
- Speakers
- Private Label