SRMTPWP-15.6R36

15.6" Sunlight Readable Outdoor Waterproof TouchScreen with Panel Mount



- Projected Capacitive Touch Screen
- Produces Clear, Sharp Images Even in Direct, Bright Sunlight
- 1,000 nits Brightness
- Waterproof Stainless Steel Panel-Mount Enclosure
- Auto Re-Start After Power Loss
- High Temperature Operation: Up to +185°F
- Compatible with the Automation Direct headless HMI
- Operates on 9-36VDC
- 3-Year Warranty
- TAA Compliant

15.6″ OUTDOOR WATERPROOF TOUCH SCREEN PANEL-MOUNT

The SRMTPWP-15.6R36 is a 15.6″ outdoor waterproof touch screen. Additionally, it is a sunlight readable P-Cap touch screen in a waterproof panel mount enclosure. This weather resistant touch panel features 1,000 nits brightness, and a 16:9 aspect ratio. The operating temperature is -22˚ to +185˚F, making this touch screen suitable for use outdoors and in nearly any type of weather conditions. Compatible with the Automation Direct headless HMI.

SUNLIGHT READABLE TOUCH SCREEN WITH 1000 NITS BRIGHTNESS

The SRMTPWP-15.6R36 features 1000 nits screen brightness and a 16:9 aspect ratio. We design this 15.6″ bright touchscreen for outdoor use. It is a weatherproof touch screen specifically designed for use in direct sunlight. Because of the high 1,000 nits brightness of the SRMTPWP-15.6R36 panel mount monitors, they are perfect for any high ambient-light conditions. These weather proof touch screens utilize state-of-the-art LED backlights. Moreover, 1,000 nits brightness is over 3 to 5 times brighter than standard brightness monitors. Standard LCD monitors offer only 200-300 nits brightness. The SRMTPWP-15.6R36 also features a protective Anti-Reflective glass over the LCD panel. This model will provide you with crystal-clear images, even in direct, bright sunlight on the face of the screen.

RUGGED 15.6″ OUTDOOR WATERPROOF TOUCHSCREEN

These 15.6″ 1,000 nit touch screen displays are not only bright, but extremely rugged. We design them with true industrial-grade components, these outdoor panel mount touchscreens receive our exclusive TRU-Tuff treatment. The TRU-Tuff process includes RTV silicone on all connections and critical components. We then dress all wires , tie-wrap and secure them.

Lastly, we apply ThreadLock to all screws. The durable stainless steel panel mount enclosure will ensure maximum shock and vibration resistance. This weather proof touchscreen will easily withstand the elements outdoors. It is also ideal for wash-down environments and widely used in industrial and food processing plants.

The front face of this weatherproof touchscreen has a rating of NEMA 4X Waterproof. It is impervious to liquids, rust and corrosion. The SRMTPWP-15.6R36 has a Zero Bezel / Bezel-Less enclosure, which has no raised bezel, frame, or edges on the front face. The panel mount feature enables you to flush-mount this touch screen into a panel, door, wall, cabinet or enclosure. Panel mount touchscreens offer added protection since only the front of the monitor is exposed. View how to

install a panel-mount touchscreen.

PROJECTED CAPACITIVE (P-CAP) TOUCH SCREEN WITH HIGH OPERATING TEMPERATURES

We design the SRMTPWP-15.6R36 to operate in nearly any environmental conditions. This 15.6 bright touchscreen performs in frigid conditions or blazing heat. These monitors will operate in temperatures down to -22°F (-30°C). They will also withstand brutal heat, with operating temperatures up to 185°F (85°C). The 15.6″high brightness displays will provide years of reliable imaging performance. Specifically, typical MTBF for these monitors is 50,000 hours.

Projected Capacitive (P-CAP) touch is similar to Surface Capacitive, but it offers two primary advantages: in addition to a bare finger, the SRMTPWP-15.6R36 can also activate with surgical gloves or thin cotton gloves. A Projected Capacitive touch screen also enables multi-touch activation (up to 10 simultaneous touch points). It is one of the 5 most popular types of touch screens available.

WHERE ARE PANEL MOUNT TOUCHSCREENS USED?

TRU-Vu Monitors deploys 15.6″ weatherproof outdoor touch screens in a wide range of demanding installations. For example, industries such as military, law enforcement, manufacturing and entertainment will benefit. 15.6” bright touchscreens are also deployed in the inspection, marine, oil & gas sectors. Industrial and transportation industries also utilize this popular model. Most importantly, TRU-Vu monitors are backed by our full 3-Year Warranty. This ensures you of many years of reliable service for your high bright outdoor display.

OUR TECHNICAL EXPERTS ARE READY YOU HELP YOU FIND THE BEST OUTDOOR DISPLAY

See our full line-up of industrial-grade Sunlight Readable and Daylight Readable monitors. This highlights all of our high brightness monitors. You’ll find the sunlight readable touch screens in all the sizes and configurations available. Our full range of waterproof monitors and touch screens are available for any outdoor use. With over 540 LCD monitors and touch screens on our site, selecting the ideal weatherproof 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 important features. For instance, you may view only 4:3 aspect ratio monitors, 13 – 19 inch monitors, or only panel mount monitors. TRU-Vu can provide modified or Custom OEM LCD Displays. Private Label Monitors are also an option if you have very specific requirements. Need a similar model but bigger?

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

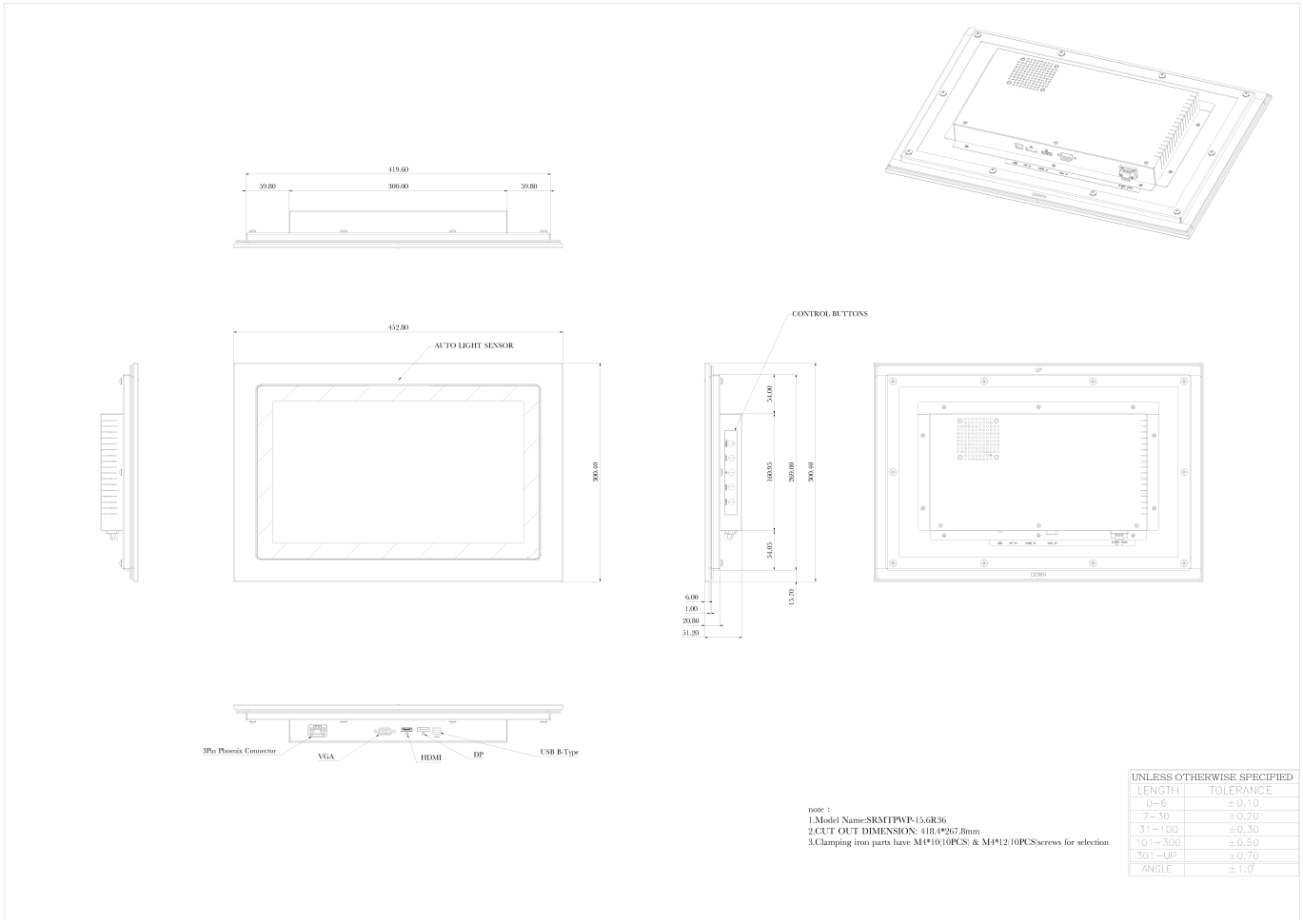
SPECIFICATIONS

	SRMTPWP-15.6R36
LCD Panel	15.6” LCD; LED Backlights
Native Resolution	1920 x 1080 (1080P/60 Full HD)
Aspect Ratio	16:9
Viewable Area	13.55” (W) x 7.62” (H) (344.16 mm x 193.59 mm)
Pixel Pitch	0.17925
Display Colors	16.7 M
Brightness	1,000 nits
Contrast Ratio	800:1
Viewing Angle	170° (H) x 170° (V)
Response Time	25 msec (Tr+Tf)

	SRMTPWP-15.6R36
Video Inputs	VGA, HDMI, DisplayPort
Touch Technology/Interface	Projected Capacitive/USB
Control	OSD (On-Screen Display) via Rear Panel Pushbuttons
Power Input	9-36 VDC via Phoenix Connector
Power Consumption	25W
Operating Temperature	-22˚ to 185˚F (-30˚ to +85˚C)
Enclosure/Material	Panel Mount/Stainless Steel with Galvanized Rear (418.4 x 267.8 mm cutout)
IP Rating	IP65 Front / IP20 Rear
VESA Pattern	N/A
Dimensions	17.83″ (W) x 11.83″ (H) x 2.02″ (D) (452.80 x 300.40 x 51.20 mm)
Weight	11.5 lbs (5.22 kg)
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)



SRMTPWP-15.6R36

Standard Accessories:

- USB Cable

Available Options:

- AC Power Adapter (PS-12)
- CB-2.1-PHX (Phoenix Connector Adapter for PS-12)
- Private Label