

VMTWP-19 Series

19" Panel-Mount Waterproof Touch Screen Monitor

- 19" 5-Wire Resistive Touch Screen or Projected Capacitive Touch Screen
- Waterproof NEMA 4X Stainless Steel Panel Mount Enclosure
- Auto Re-Start After Power Loss
- Lockable On-Screen Display Controls
- Can Be Customized to Meet Your Needs
- Ideal For Manufacturing and Food Processing



The VMTWP-19 Series are 19" panel-mounted waterproof touchscreen monitors. They are available as a 5-wire resistive touchscreen or P-Cap touchscreen monitors. Resolution is 1280 x 1024. It has a 5:4 aspect ratio. This series features a NEMA 4X Stainless Steel waterproof panel mount enclosure. They operate on 12-24VDC. Operating temperatures are -22°F to +185°F

INDUSTRIAL TOUCH SCREEN MONITORS

The VMTWP-19 Series waterproof touchscreen 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, we dress all wires, tie-wrap and secure them. Lastly, we apply ThreadLock to all screws. Our industrial-grade 19" panel mounted waterproof touchscreen monitors are ideal for wet environments. The VMTRWP-19V-24 is a 5-wire resistive touchscreen monitor. It can be activated by almost any object – gloved finger, stylus, pen, etc. The VMTWP-19C-24 is a Projected Capacitive P-Cap touchscreen monitor. It provides 10-simultaneous touch points. This enables pinch-to-zoom and other related functionalities. Communication to the host pc is via USB



RUGGED WATER PROOF PANEL MOUNT TOUCH SCREEN MONITORS

TRU-Vu 19" waterproof 5-wire resistive touchscreen and P-cap touchscreen monitors are built for demanding environments and applications. The front of the stainless steel panel-mount enclosure has a NEMA 4X/IP65 waterproof rating. The steel rear-clamp design ensures rock-solid installation. There's also a handy guide on how to install a panel-mount touchscreen into a door, wall, cabinet or dashboard. This series is ideal for use in wash-down environments such as food processing plants and other manufacturing facilities. For use in direct sunlight, we also offer our SRMOBTWP-19C-H, with 1,000 nits of brightness.

EXTENDED OPERATING TEMPERATURES FOR OUTDOOR TOUCH SCREENS

We design the VMTWP-19 Series touch monitors to operate in nearly any environmental conditions. Whether in frigid conditions or blazing heat, these displays will survive and thrive. To clarify, the SRMTC-19C-H model will operate in temperatures down to -22°F (-30°C). They will also withstand brutal heat. Operating temperatures go up to 185°F (85°C). The rugged stainless steel enclosure assures these 19" high brightness touch screens will provide years of reliable imaging performance. Specifically, typical MTBF for these monitors is 50,000 hours.

TRU-VU TOUCH SCREENS DEPLOYED WORLDWIDE

Our 19" waterproof touchscreen monitors have been deployed in a wide range of demanding industries. For example, military, law enforcement, industrial manufacturing, oil and gas, 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 industrial-grade 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 LCD monitors in the industry.

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

With over 540 LCD monitors and touch screens on our site, selecting the ideal solution may be a bit overwhelming. To help narrow-down the choices, check out our [Advanced Search Tool](#). This enables you filter by features important to you. Browse by similar size monitors 13-19", or similar brightness displays. TRU-Vu can provide modified or Custom OEM LCD Displays. [Private Label Monitors](#) are also an option if you have very specific requirements. 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. To see technical information, tips, tricks and guides to LCD monitors and technology, visit our [TECH CENTER](#).

SPECIFICATIONS

| | VMTRWP-19V-24 | VMTPWP-19C-24 |
|------------------------|--|----------------------|
| LCD Panel | 19" Color LCD; LED Backlights | |
| Touch Screen Type | 5-Wire Resistive Touch | Projected Capacitive |
| Touch Screen Interface | USB | |
| Resolution | 1280 x 1024 (SXGA) | |
| Viewable Area | 14.81" (W) x 11.85" (H) (376.17 x 300.98 mm) | |
| Pixel Pitch | 0.294mm | |
| Display Colors | 16.7M | |
| Aspect Ratio | 4:3 (5:4) | |
| Brightness | 450 nits | |

| | VMTRWP-19V-24 | VMTPWP-19C-24 |
|-----------------------|--|----------------------|
| Contrast Ratio | 1,000:1 | |
| Viewing Angle | 170° (H) x 160° (V) | |
| Response Time | 5 msec (Trf) | |
| Control | OSD (On-Screen Display) via Rear Panel Pushbuttons (may be locked) | |
| Video Inputs | VGA | VGA & DVI |
| Power Requirement | 12- 24 VDC | |
| Enclosure | Stainless Steel Panel-Mount with Rear Clamp | |
| Enclosure Rating | NEMA 4X; Front: IP65 | |
| Operating Temperature | -22° to +185° F (-30° to +85°) | |
| Shock/Vibration | 120 G (20 msec, 1/2 sine) / 1.0 G RMS 10-3 | |
| Warranty | 3 Years | |

Note: Specifications subject to change without notice.