

VMTR-8.4V

8.4" Touch Screen Monitors

- 5-Wire Resistive Touch
- Resolution: 800 x 600
- Aspect Ratio 4:3
- Rugged Steel Housing
- TRU-Tuff Ensures Maximum Shock & Vibration Resistance
- Can Be Customized To Meet Your Needs
- 3-Year Warranty
- TAA Compliant



SMALL INDUSTRIAL RESISTIVE TOUCH MONITORS

The VMTR-8.4V are 8.4" Touch Screen monitors. They utilize 5-wire resistive touch technology. The screen can be activated via a finger, gloved hand, credit card or stylus. State-of-the-art LED backlights produce images that are exceptionally clear and bright; the touch contact activation points are extremely accurate. An extensive list of OEM options enables you to customize the VMTR-8.4V 8.4" touch screen monitors to meet your exact needs.

8.4" TOUCHSCREEN 4:3 ASPECT RATIO

The VMTR-8.4V are industrial 8.4 inch touch screen monitors. They offer 800 x 600 resolution and a 4:3 aspect ratio. Additionally, the panels offer up to 450 nits brightness. They are ideal for use with analog cameras, and BNC cameras. Likewise, many legacy machine vision systems benefit. Furthermore, we build them with true industrial-grade components for long-term reliability. For example, they receive our exclusive TRU-Tuff treatment. Moreover, 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 to ensure they remain secured. Most importantly, this results in a rugged, dependable monitor you can rely on. They operate on 12VDC. The operating temperature range is -22°F to +140°F (-30° to +60°C).

SMALL TOUCH SCREENS BUILT FOR DEMANDING APPLICATIONS

The VMT-8.4 Series also provide a brighter-than-normal, with 450 nits brightness. The result is crisp, vibrant video images. TRU-Vu industrial LCD monitors are specifically designed for use in demanding industrial, commercial, and A/V applications. For instance, every TRU-Vu monitor utilizes industrial-grade components and high-end LCD panels not found in retail or consumer-grade monitors. This ensures superior image quality, improved performance and greater durability.

The VMTR-8.4V industrial 8.4" LCD touchscreens offer a variety of video inputs and are available in standard, open frame, rack mount, panel mount, NEMA/IP waterproof, and touch screen configurations. An extensive list of available OEM options enables you to customize a solution to your specific needs. They can also be private-labeled with your company name and/or logo on the front bezel. To complete your installation, visit our monitor stands and mounting brackets.

TRU-VU TOUCH SCREENS DEPLOYED WORLDWIDE

The VMTR-8.4V 8.4 inch touchscreens with 4:3 aspect ratio are deployed in many industries and applications. This includes manufacturing plants, machine vision inspection systems, and food and beverage plants. They are also found in surveillance systems, specialty vehicles and museums.

TRU-Vu monitors are backed by our full 3-year warranty. Consequently, this ensures you of many years of reliable service.

OUR TECHNICAL EXPERTS ARE READY TO HELP YOU FIND THE BEST TOUCH SCREEN

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 important features. See our full line of [standard brightness monitors](#) and [13.3" to 19" monitors](#) for similar models to the VMT-8.4 Series. View our full line of [touchscreens](#) for your application.

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 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.

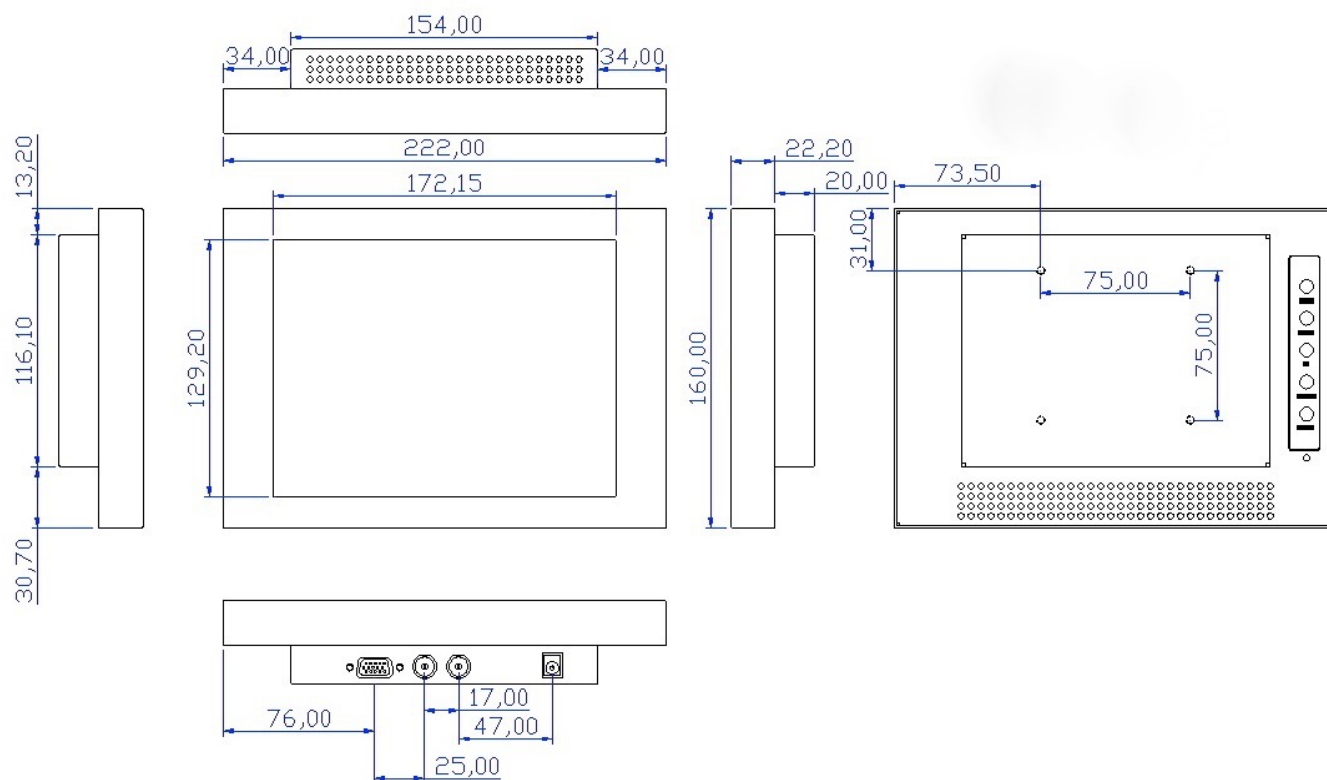
To see technical information, tips, tricks and guides to LCD monitors and technology, visit our [TECH CENTER](#).

SPECIFICATIONS

	VMTR-8.4V
LCD Panel	8.4" Color LCD; LED Backlights
Touch Screen Type	5-Wire Resistive Touch
Touch Interface	USB
Resolution	800 x 600 (SVGA)
Backlights	LED
Viewable Area	6.7" x 5.03" (170.4 x 127.8 mm)
Pixel Pitch	0.231 mm
Display Colors	16.2m
Aspect Ratio	4:3
Brightness	450 nits
Contrast Ratio	600:1
Viewing Angle	160°(H) x 140°(V)
Response Time	30 msec
Control	OSD (On-Screen Display) via Rear Panel Pushbuttons
Video Input	VGA
Power Requirement	12 VDC (2.1mm Connector) 90-240 VAC with Included Power Adapter
Power Consumption	10.4W (866 mA @ 12 VDC)
Enclosure	Painted Steel
Mounting	75 x 75 mm VESA (M4 x 6mm Screws)
Shock	50G, 20ms, Half-sine wave
Vibration	1.5G (10-200 Hz, P-P) 30 mins./axis (X,Y,Z)
Operating Temperature	-22°to +140°F (-30° to +60°C)
Humidity	5-90% RH
Dimensions	8.74" (W) x 6.30" (H) x 1.66" (D) (222 (W) x 160 (H) x 42.20 (D) mm)
Warranty	2.73 lbs. (1.24 kg)

Note: Specifications subject to change without notice.

DIMENSIONS (MM)



Standard Accessories:

- 90-240 VAC Power Adapter
- VGA Cable
- USB Cable

Available Options:

- Move OSD Control Buttons onto Front Bezel
- DVI Input
- HDMI Input
- Surface Capacitive Touch Screen (VMTC-8.4H)
- Optical Bonding (VMOBTR-8.4C-24)
- Optically Bonded Waterproof Panel-Mount Monitor (VMOBWP-8.4B)
- 9-36 VDC Operation
- Panel Mount
- Open-Frame Configuration
- Private Label
- Other Customer - Specific Modifications