

VMX-12B

Industrial-Grade 12" Monitors

- 12.1" TFT Active Matrix Color LCD
- 1024 x 768 Resolution
- Video Inputs: VGA, Composite BNC Loop-Thru
- NTSC/PAL Auto-Recognition
- LED Backlights
- Lockable On-Screen Display Controls
- Internal Speaker
- Can Be Customized to Meet Your Needs
- 3-Year Warranty



12 INCH MONITOR 4:3 APECT RATIO

The VMX-12B are industrial 12.1 inch monitors with 4:3 resolution. They offer 1024 x 768 resolution. These have a 4:3 aspect ratio. Additionally, the panels offer up to 500 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 can operate on 12VDC or 12-24VDC .

INDUSTRIAL MONITORS BUILT FOR DEMANDING APPLICATIONS

The VMX-12B also provide a brighter-than-normal, with 500 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 VMX-12B industrial 12.1" inch monitors with 4:3 resolutions 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. We offer numerous other monitors in similar sizes and brightness levels from which to choose. They can also be private-labeled with your company name and/or logo on the front bezel.

12" MONITORS DEPLOYED WORLDWIDE

The VMX-12B 12.1" inch monitor 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 12" DISPLAY

With over 540 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

filter by your own specific important features. Filter by Standard Brightness monitors for challenging environments or size 7-12" monitors. 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 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.

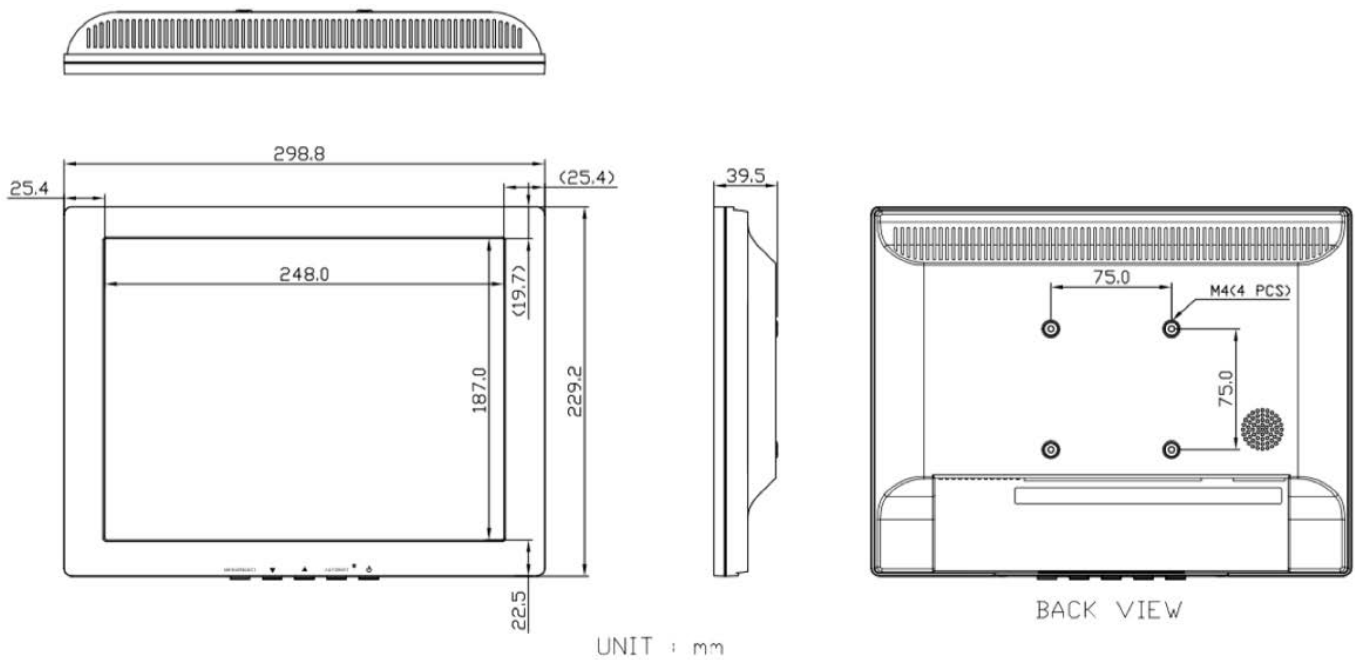
To see technical information, tips, tricks and guides to LCD monitors and technology, visit our [TECH CENTER](#).

SPECIFICATIONS

	VMX-12B
LCD Panel	12.1" Color LCD; LED Backlights
Resolution	1024 x 768 (XGA)
Viewing Area	9.68 (W) x 7.26 (H) (245.76 x 184.32mm)
Pixel Pitch	0.24mm
Display Colors	16.2 Million
Aspect Ratio	4:3
Brightness	500 nits
Contrast Ratio	700:1
Viewing Angle	160° (H) x 160° (V)
Response Time	35 msec Trf
Control	OSD (On-Screen Display) via Front Panel Pushbuttons
Video Inputs	VGA, Composite (BNC) Loop Thru, NTSC/PAL Auto Recognition
Audio	Rear Speaker
Power Requirement	12 VDC (2.1mm Connector) / 90-240 VAC with Included Power Brick
Power Consumption	20 Watts
Enclosure	ABS
Mounting	Included Base or 75x75mm VESA Hole Pattern
Operating Temperature	-22°F to 140°F (-30°F to +60°C)
Humidity	5-90% RH
Shock	50 G (20 msec, 1/2 sine)
Vibration	1.5G (10-200 Hz, sine wave)
Approvals	UL/cUL, RoHS
Dimensions	11.76" (W) x 9.02" (H) x 1.5" (D) (298.8 x 229.2 x 39.5 mm)
Weight	3 lbs. (1.36 kg)

Note: Specifications subject to change without notice.

DIMENSIONS (MM)



Standard Accessories:

- 90-240 VAC Power Brick (VMX-12B only)
- Tabletop Stand
- VGA Cable
- Audio Cable

Available Options:

- 24VDC Operation
- Protective/Anti-Reflective Glass
- Optical Bonding
- Waterproof Enclosure (VMXW-12C-SS)
- DVI Input
- S-Video Input
- HDMI Input
- Surface Capacitive Touch Screen (VMXTC-12V)
- Waterproof Touch Screen (VMXTRW-12C-SS)
- Waterproof Panel-Mount Touch Screen (VMXTRP-12R-24)
- Wall Mount Bracket
- Open-Frame Configuration
- Private Label
- Other Customer - Specific Modifications