

VMOB-17B-36

17" Industrial-Grade Daylight Viewable Monitors

- Optical Bonding For Increased Contrast Ratio & Improved Image Quality in Bright Conditions
- Protective Anti-Reflective Glass
- High Resolution: 1280 x 1024 (SXGA)
- Lockable On-Screen Display (OSD) Controls with Auto Re-Start After Power Loss
- *TRU-Tuff* Ensures Maximum Shock/Vibration Resistance
- 3-Year Warranty
- TAA Compliant



17" DAYLIGHT VIEWABLE MONITOR

The VMOB-17B-36 is an optically-bonded 17" daylight viewable monitor. We design it for use as an outdoor display in indirect sunlight. It is also recommended for indoors where high ambient light decreased the view-ability of standard LCD monitors. The VMOB-17B-36 features a 4:3 aspect ratio. Additionally, this 17" outdoor monitor display features an extremely wide operating temperature range. It has rear VESA mount holes, and our 3 year warranty.

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.

Optical bonding ensures monitors will be highly viewable in bright, indirect sunlight. If sunlight is falling directly onto the face of the monitor, our SRM or SX Series of **Sunlight Readable monitors** would be most advantageous. Our Sunlight Readable monitors provide 1,000 nits to 2,500 nits brightness. They are for use in direct sunlight.

17" MONITOR WITH EXTREME OPERATING TEMPERATURES

We design these daylight viewable screens to operate in nearly any environmental conditions. Whether in frigid conditions or blazing heat, these daylight monitors will survive and thrive. To clarify, some of these monitors will operate in temperatures down to -22°F (-30°C). They will also withstand brutal heat. Moreover, operating temperatures go up to +185°F (+85°C). Additionally, the rugged ABS enclosure will assure years of reliable imaging performance. Specifically, typical MTBF for these monitors is 50,000 hours. These daylight readable lcd displays are also available with an optional waterproof enclosure.

17" LCD MONITORS DEPLOYED WORLDWIDE

Our 17" daylight viewable monitor is deployed in a wide range of demanding industries. For example, **military, law enforcement, aviation and entertainment** benefit. You will also find them in the **inspection, marine, oil & gas, industrial and transportation** industries. TRU-Vu monitors are backed by our full 3-Year Warranty. This ensures you of many years of reliable service. See all of our **mid size monitors** between 13.3 and 19 inches for further selections.

View our full line-up of industrial-grade **Sunlight Readable and Daylight Readable** monitors and touch screens. This filters all of our monitors by high brightness features. Additionally, you'll find the sunlight readable monitors in all the sizes and configurations available. All **waterproof monitors** can be displayed and viewed on one page.

We specifically design all *TRU-Vu* industrial LCD monitors for use in demanding applications. Consequently, every *TRU-Vu* monitor utilizes industrial-grade components. We provide high-end LCD panels not found in retail/consumer-grade monitors. This ensures superior image quality, improved performance and greater durability. Lastly, our 3-Year Warranty guarantees you of reliable worry-free operation. We also have the service to back it up.

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

We offer 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. View similar **mid size monitors**. 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. 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. We will be happy to guide you to the proper models that will perform best.

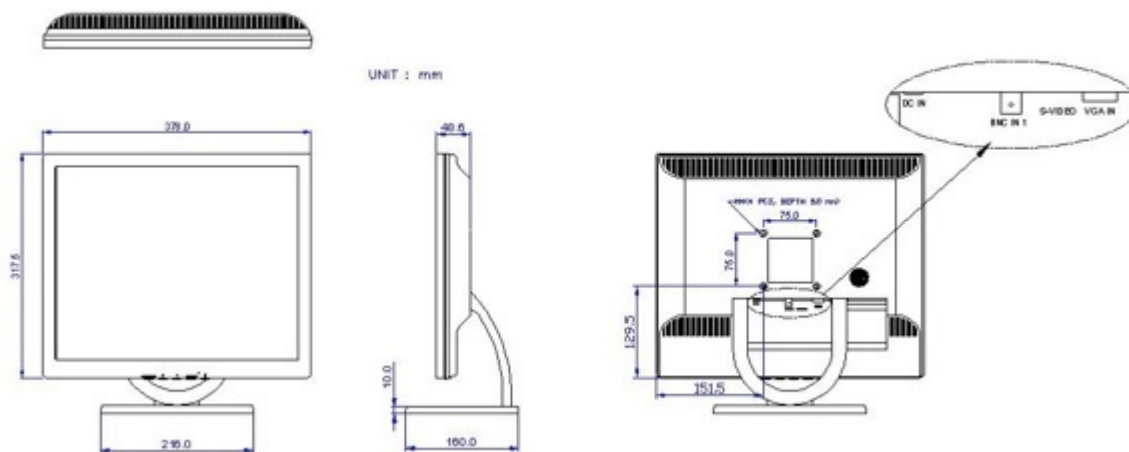
SPECIFICATIONS

	VMOB-17B-36
LCD Panel	17" Color LCD (LED Backlights)

	VMOB-17B-36
Screen Treatment	Optically Bonded
Display Resolution	1280 x 1024 (SXGA)
Viewable Area	13.3" (W) x 10.64" (H) (337.92 x 270.34 mm)
Pixel Pitch	0.264mm
Display Colors	16.7 M
Aspect Ratio	4:3 (5:4)
Brightness	350 nits
Contrast Ratio	1,000:1
Viewing Angle	160° (H) x 140° (V)
Response Time	30 msec
Control	OSD (On-Screen Display) via Front Panel Pushbuttons
Video Inputs	VGA, Composite BNC Loop-Thru, NTSC/PAL Auto Recognition
Internal Speakers	Optional
Power Requirement	9-36 VDC
Power Consumption	40 Watts
Enclosure	ABS
Mounting	75x75mm Rear VESA Mount Holes (Optional Tabletop Base) (M4 x 6mm Screws)
Operating Temperature	-22° F 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	14.95 (W) x 13.54" (H) x 1.9" (D) (379.8 x 344 x 47.2mm)
Weight	6.9 lbs. (2.99kg)
Warranty	3 Years

Note: Specifications subject to change without notice.

DIMENSIONS (MM)



Standard Accessories:

- 90-240 VAC Power Supply
- Tabletop Stand
- VGA Cable

Available Options:

- Waterproof Enclosure
- Panel Mount Bracket
- Touch Screen (VMT-17-Series)
- Rack Mount Bracket MB-Rack-17
- Open-Frame Configuration
- Private Label
- Other Customer - Specific Modifications