



VMOB-10.4 Series

10.4" Daylight Readable LCD Monitors

- **Optical Bonding** Produces Clear, Bright Images Even in Bright Daylight Conditions
- Anti-Glare Protective Outer Glass
- **TRU-Tuff** Ensures Maximum Shock & Vibration Resistance
- Auto Re-Start After Power Loss
- Rugged Steel Enclosure
- Can Be Customized To Meet Your Needs
- 3 Year Warranty

The VMOB-10.4 Series are optically-bonded LCD monitors, designed to dramatically improve viewability in high ambient light conditions. The optical bonding process injects an optical-grade epoxy bond between the surface of the LCD panel and the outer protective glass, eliminating the air gap between the two. This eliminates two reflective surfaces, and drastically reduces image wash-out due to internal reflections. The outer glass surface also has an Anti-Glare coating. The net result is a dramatic reduction in unwanted reflections, and a tremendous increase in contrast ratio, making the monitor ideal for use in brightly lit areas and daylight outdoors. Optical bonding also provides other benefits such as increased ruggedness and durability, prevents condensation or fogging, and makes the outer glass shatter-proof. To learn more about optical bonding, click [HERE](#). To see a video of a live side-by-side comparison of an optically bonded, sunlight readable and standard LCD monitor, click [HERE](#).

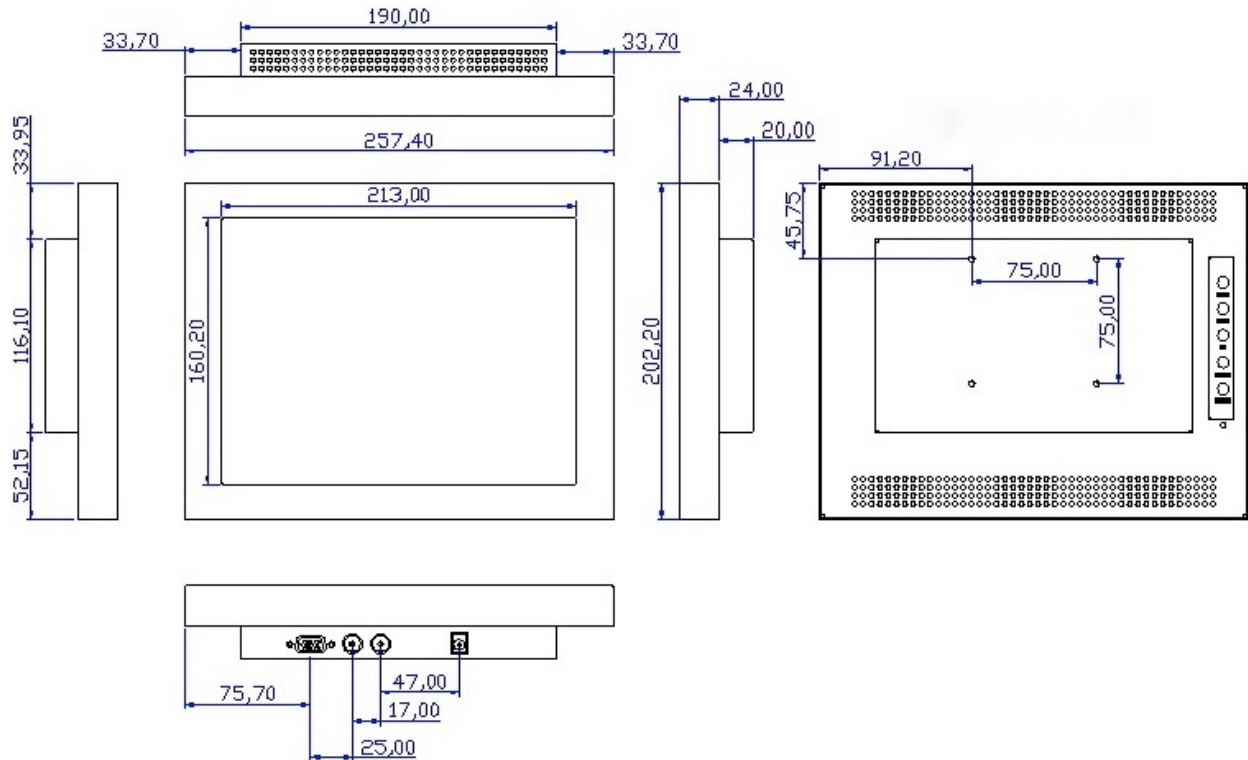
The VMOB-10.4 Series Daylight Readable LCD monitors are built with industrial-grade components, and receive our exclusive **TRU-Tuff** treatment. The **TRU-Tuff** process includes: RTV silicone on all connections and critical components; all wires are dressed, tie-wrapped and secured; and ThreadLock on all screws. This, plus the rugged powder-coated steel enclosure, ensures maximum shock and vibration resistance. These monitors are ideal for a wide range of demanding applications including industrial, military, law enforcement, aviation, marine, inspection, surveying, cranes, oceanic, entertainment and transportation. **TRU-Vu** monitors are backed by our full 3-Year Warranty.

MODEL	VMOB-10.4C-24	VMOB-10.4S-24	VMOB-10.4B-24	VMOBX-10.4B-36
LCD Panel	10.4" Color LCD; LED Backlights			
Resolution	800 x 600 (SVGA)			1024 x 768
Viewable Area	8.31" (W) x 6.24" (H) (211.2 x 158.4 mm)			
Pixel Pitch	0.264 mm			
Display Colors	16.2m			
Aspect Ratio	4:3			
Brightness	400 nits			
Contrast Ratio	900:1			
Viewing Angle	160° (H) x 130° (V)			
Response Time	15 msec			
Control	OSD (On-Screen Display) via Rear Panel Pushbuttons			
Video Inputs	VGA, DVI	VGA, S-Video & Composite (BNC) NTSC/PAL Auto-Detect	VGA, Composite BNC Loop-Thru, NTSC/PAL Auto-Detect	
Power Requirement	12-24 VDC (2.5 mm Barrel Plug)	12-24 VDC (2.1 mm Barrel Plug); 90-240 VAC via Included Power Adapter		11-36 VDC (2.1 mm Barrel Plug)
Power Consumption	10.4W (866 mA @ 12 VDC)			
Enclosure	Powder-Coated Steel			
Mounting	75 x 75 mm Rear VESA Mount Holes			
Operating Temperature	-22° to +176°F (-30° to +80°C)			
Humidity	5 - 90% RH			
Shock	50G, 20ms, Half-sine wave			
Vibration	1.5G (10-200 Hz, P-P) 30 mins./axis (X,Y,Z)			
Dimensions	10.13" (W) x 7.96" (H) x 1.73" (D) (257.4 x 202.2 x 44 mm)			
Weight	3.90 lbs. (1.77 kg)			
Warranty	3 Years			

VMOB-10.4 Series

10.4" Optically Bonded LCD Monitors

Dimensions: (mm)



Standard Accessories:

- 90-240 VAC Power Adapter and Pigtail (VMOB-10.4S-24 and VMOB-10.4B-24)
- Pigtail For 11-28 VDC or 11-36 VDC Operation

Available Options:

- 90-240 VAC Locking Power Adapter (VMOB-10.4C-24)
- Move OSD Control Buttons onto Front Bezel
- Dual BNC Inputs
- Open-Frame Configuration
- Private Label
- Waterproof Enclosure
- Panel Mount
- Other Customer - Specific Modifications