



## VMOB-10.4-24 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
- **Rugged Steel Enclosure**
- **Can Be Customized To Meet Your Needs**

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](#).

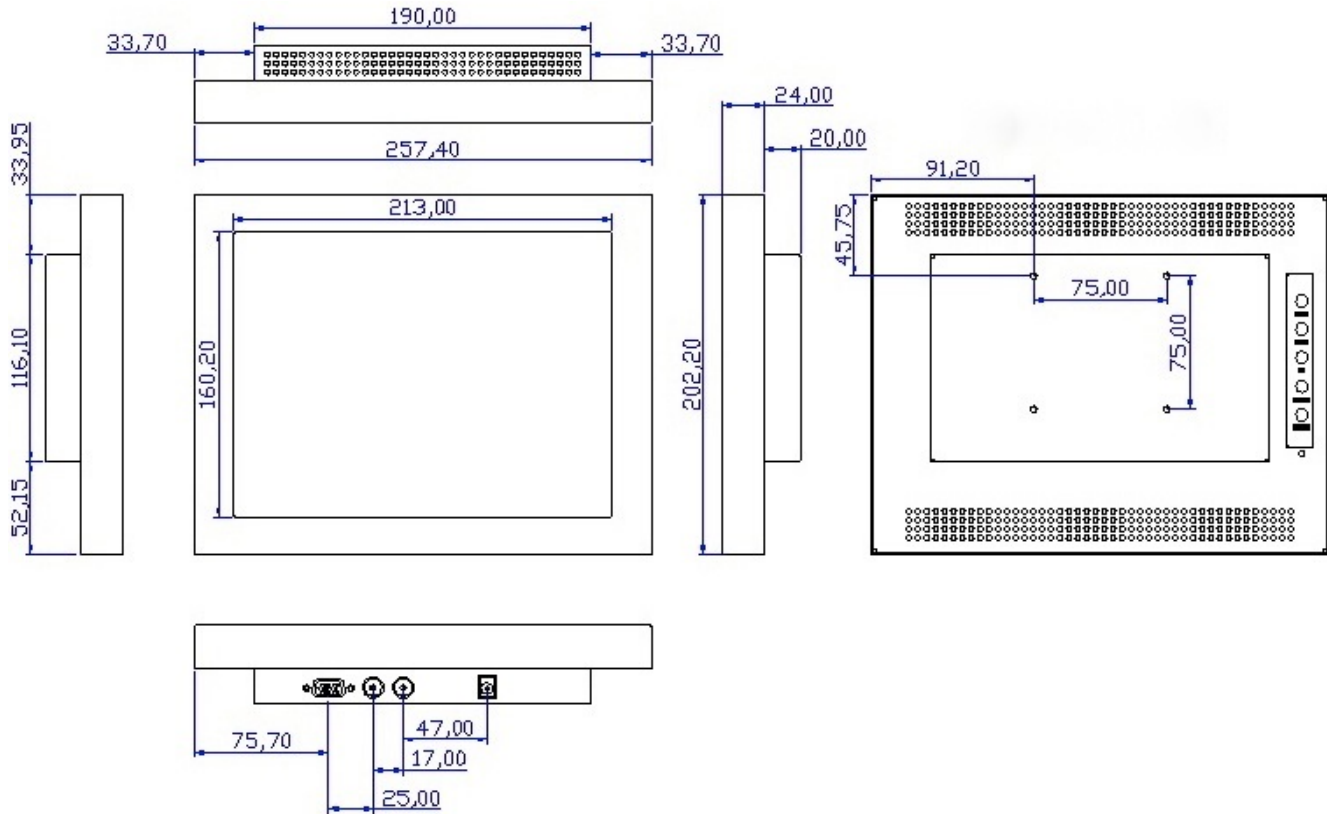
The VMOB-10.4 Series Daylight Readable LCD monitors are built with industrial-grade components, and receive our exclusive **TRU-Tuff** treatment. The **TRU-Tuff** process includes: RTV silicone on all connections and critical components; all wires are dressed, tie-wrapped and secured; and ThreadLock 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.

### Specifications

MODEL	VMOB-10.4S-24	VMOB-10.4B-24
LCD Panel	10.4" LED Backlight LCD	
Resolution	800 x 600 (SVGA)	
Viewable Area	8.31" (W) x 6.23" (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	1000:1	
Viewing Angle	160° (H) x 140° (V)	
Response Time	30 msec	
Control	OSD (On-Screen Display) via Rear Panel Pushbuttons	
Video Inputs	VGA, S-Video & Composite (BNC) NTSC/PAL Auto-Detect	VGA, BNC Loop-Thru, NTSC/PAL Auto-Detect
Power Requirement	11-28 VDC (90-240 VAC with included power brick)	
Power Consumption	10.4W (866 mA @ 12 VDC)	
Enclosure	Powder-Coated Steel	
Mounting	75 X 75 mm VESA	
Operating Temperature	-31° to +167° F (-35° to +75° C)	
Shock	50G, 20ms, Half-sine wave	
Vibration	1.5G (10-200 Hz, P-P) 30 mins./axis (X,Y,Z)	
Dimensions	10.1" (W) x 7.9" (H) x 1.7" (D) (256.53 (W) x 200.66 (H) x 43.18 (D) mm)	
Weight	3.8 lbs. / 1.7 kg	

## VMOB-10.4-24 Series 10.4" Optically Bonded LCD Monitors

### Dimensions:



### Standard Accessories:

- 90–240 VAC Power Brick
- Pigtail For 11–28 VDC Operation

### Available Options:

- 1024 x 768 Resolution
- 11–36 VDC Operation
- Move OSD Control Buttons onto Front Bezel
- DVI Video Input
- Dual BNC Inputs
- Open-Frame Configuration
- Private Label
- Mounting Brackets
- Other Customer – Specific Modifications