



VMOB-8.4 Series

8.4" 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
- Can Be Customized To Meet Your Needs
- 3 Year Warranty

The VMOB-8.4 Series are optically-bonded LCD monitors, designed to dramatically improve viewability in sunlight and other 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 much more suitable 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-8.4 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.

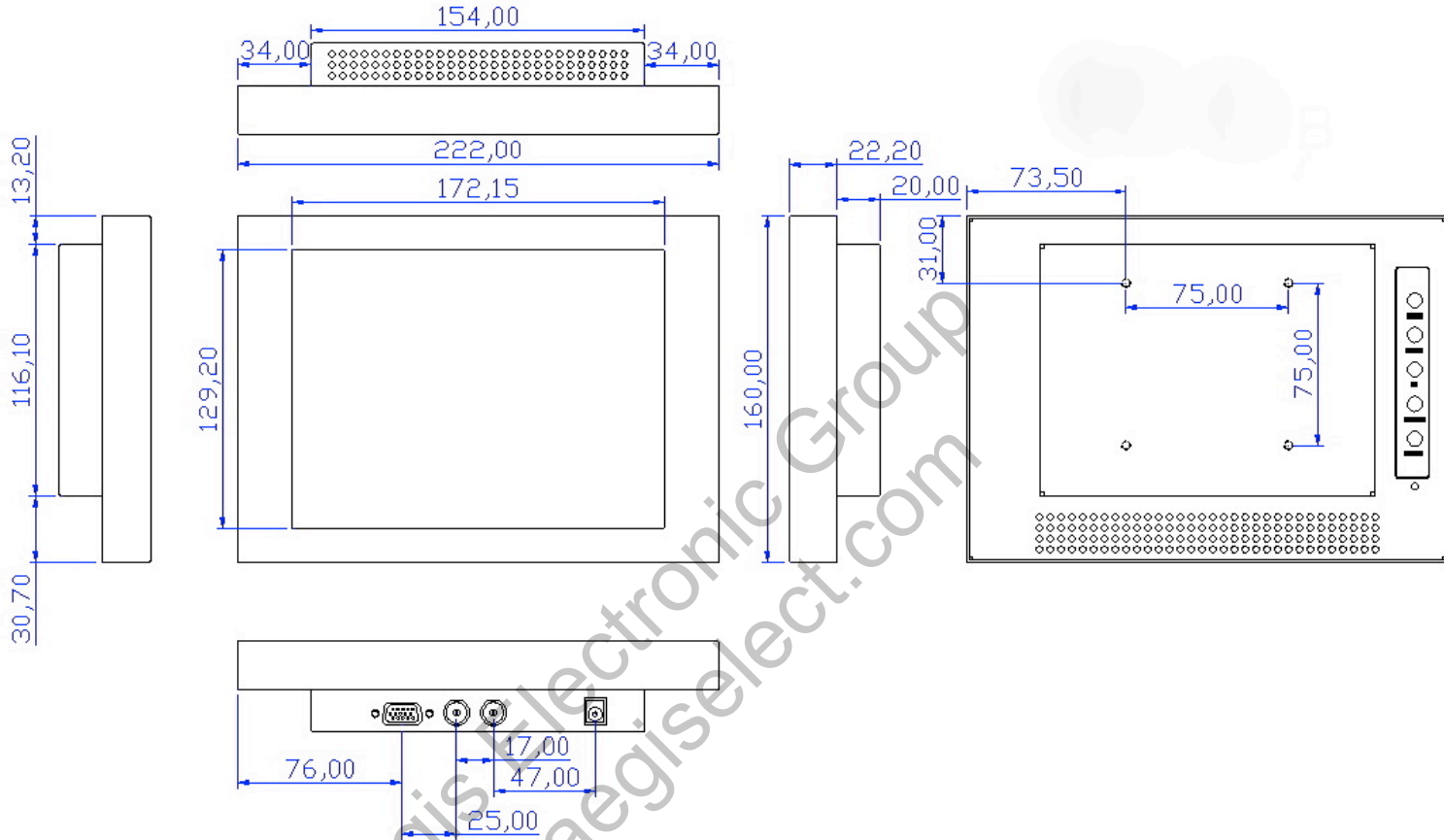
Specifications

MODEL	VMOB-8.4S	VMOB-8.4B
LCD Panel	8.4" LED Backlight LCD	
Resolution	800 x 600 (SVGA)	
Viewable Area	6.70" (W) x 5.03" (H) (170.4 x 127.8 mm)	
Pixel Pitch	0.213 mm	
Display Colors	16.2m	
Aspect Ratio	4:3	
Brightness	450 nits	
Contrast Ratio	800:1	
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	12 VDC, 90-250 VAC with included power adapter (or 11-28 VDC)	
Power Consumption	10.4W (866 mA @ 12 VDC)	
Enclosure	Powder-Coated Steel	
Mounting	75 X 75 mm VESA	
Operating Temperature	-31° to +185° F / -35° to +85° C	
Shock	50G, 20ms, Half-sine wave	
Vibration	1.5G (10-200 Hz, P-P) 30 mins./axis (X,Y,Z)	
Dimensions	8.7" (W) x 6.3" (H) x 1.6" (D) / 220.97 (W) x 160.01 (H) x 40.64 (D) mm	
Weight	2.8 lbs. / 1.3 kg	

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8.4" Optically Bonded LCD Monitors

Dimensions:



Standard Accessories:

- 90-240 VAC Power Adapter

Available Options:

- Move OSD Control Buttons onto Front Bezel
- DVI Video Input
- 11-28 VDC Operation
- Panel Mount
- Rack Mount
- Open-Frame Configuration
- Private Label
- Wall Mount or Tabletop Bracket
- Other Customer - Specific Modifications