



VMOB-8.4 Series 8.4" Daylight Readable LCD Monitors

- **Optical Bonding** Dramatically Reduces Reflections and Eliminates Image Wash-Out In Bright Conditions; Improves Image Contrast
- Produces Clear, Bright Images Even in Bright Daylight
- Anti-Reflective Outer Glass
- High 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. Optical bonding is 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 reflections. The outer glass surface also has an Anti-Reflective 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, as the epoxy bonds the LCD panel, the outer glass and the monitor enclosure to each other. This also prevents condensation or fogging, since eliminating the air gap between the LCD panel and the cover glass prevents moisture from penetrating. 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](#).

For applications requiring a brighter display for consistent use in direct bright sunlight, a Sunlight Readable monitor may be required. See our SRM-8.4B, which features 1,000 nits brightness. Visit www.TRU-VuMonitors.com for more details.

Specifications

MODEL	VMOB-8.4A	VMOB-8.4B
LCD Panel	8.4" LED Backlight LCD	
Resolution	800 x 600 (SVGA)	
Display Area	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)	
Video Inputs	VGA, S-Video & Composite (RCA Connector); NTSC/PAL (Auto-Detect)	VGA, BNC Loop-Thru, NTSC/PAL (Auto-Detect)
Power Requirement	12 VDC (90-250 VAC with included power adapter)	
Power Consumption	1 amp	
Enclosure	Powder-Coated Steel	
Mounting	75 X 75 mm VESA	
Operating Temperature	-31° to +185° F / -35° to +85° C	
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	
Options Available	Table Top Stand, Wall Mount Bracket, Open-Frame Version	