

### VMOB-10.4 Series

#### 10.4" Optically-Bonded LCD Monitors



- Produces Clear, Bright Images Even in Bright Daylight
- Optical Bonding Dramatically Reduces Reflections and Image Wash-Out In Bright Conditions
- Anti-Reflective Outer Glass
- High Shock & Vibration Resistance
- 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. 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-10.4B](#), which features 1,000 nits brightness. Visit [www.TRU-VuMonitors.com](http://www.TRU-VuMonitors.com) for more details.

Specifications		
MODEL	VMOB-10.4A	VMOB-10.4B
LCD Panel	10.4" LED Backlight LCD	
Resolution	800 x 600 (SVGA)	
Display Area	211.2 x 158.4 mm	
Pixel Pitch	0.264 mm	
Display Colors	16.2m	
Aspect Ratio	4:3	
Brightness	400 nits	
Contrast Ratio	600:1	
Viewing Angle	160° (H) x 140° (V)	
Response Time	30 msec	
Control	OSD (On-Screen Display)	
Video Inputs	VGA, S-Video & Composite (RCA) NTSC/PAL Auto-Detect	VGA, BNC Loop-Thru, NTSC/PAL Auto-Detect
Power Requirement	12 VDC (90-240 VAC with included power brick)	
Power Consumption	11w	
Enclosure	Powder-Coated Steel	
Mounting	75 X 75 mm VESA	
Operating Temperature	-31° to +158° F / -35° to +70° C	
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	
Options Available	Table Top Stand, Wall Mount Bracket	