



VMOB-10.4 Series Optically-Bonded LCD Monitor

- Ideal for Use in Bright Sunlight
- Extremely High Contrast Ratio (1,200:1)
- Dramatically Reduces Reflections and Image Wash-Out
- No Condensation Build-up or Fogging Between the Outer Glass and LCD Panel
- 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 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. There is also no condensation or fogging, since eliminating the air gap between the LCD panel and the cover glass prevents moisture from penetrating.

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 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 | 1,200:1 | |
| 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 optional power brick) | |
| Power Consumption | 11w | |
| Enclosure | Powder-Coated Steel | |
| Mounting | 75 X 75 mm VESA | |
| Operating Temperature | -22° to +158° F / (-30° 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) | |
| Other Models/Options Available | VMOBT-10.4B - As above, with Touchscreen / Table Top Stand | |