



VMOBT-8.4 Series

8.4" Daylight Touch Screen LCD Monitor

- **Optical Bonding** Produces Clear, Bright Images Even in Bright Daylight Conditions
- 5-Wire Resistive or Surface Capacitive Touch Screen
- Anti-Glare Protective Outer Glass
- **TRU-Tuff** Ensures Maximum Shock/Vibration Resistance
- Can Be Customized To Meet Your Needs
- 3-Year Warranty

The VMOBT-8.4 Series are optically-bonded touch screen 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](#).

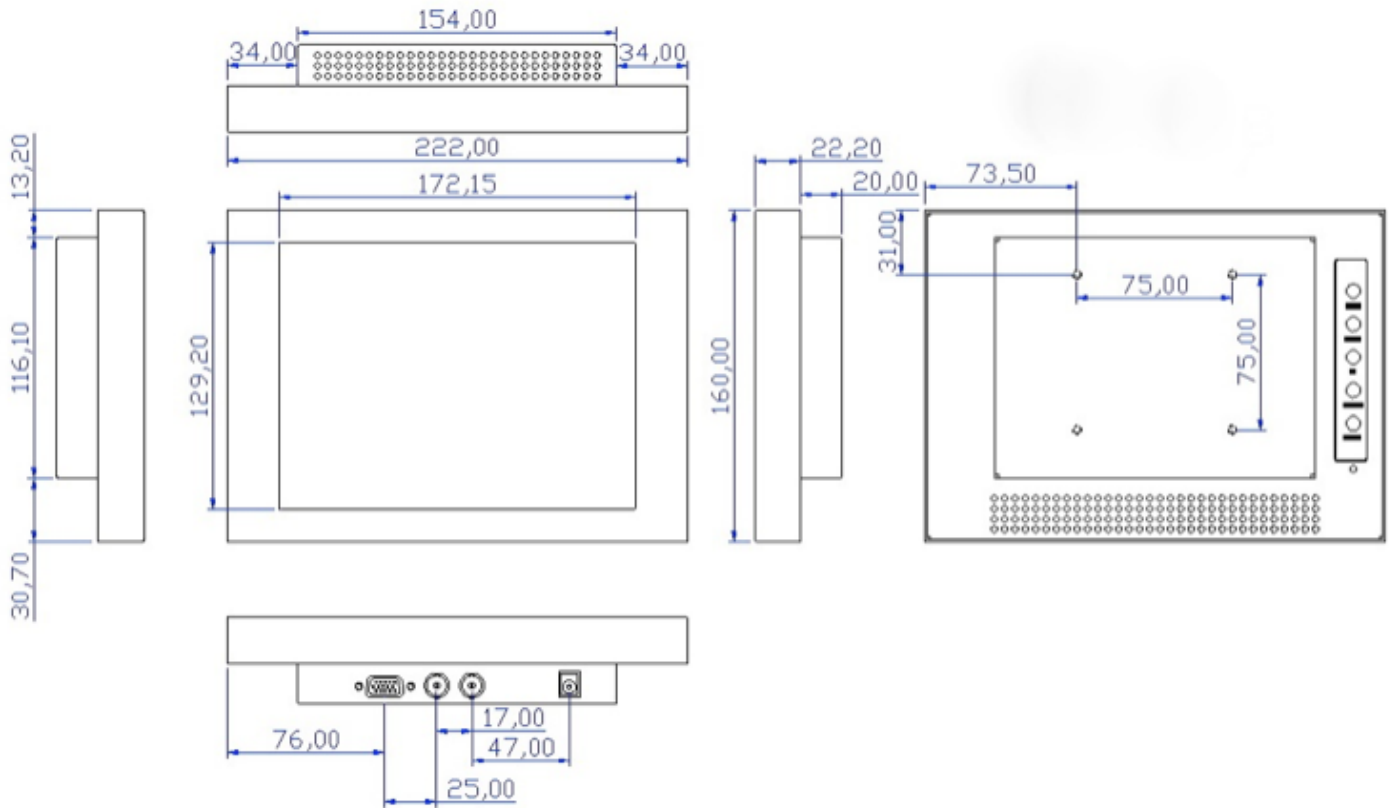
The VMOBT-8.4 Series Daylight Readable Touch Screen LCD monitor is built with industrial-grade components, and receives our exclusive **TRU-Tuff** treatment. The **TRU-Tuff** process includes: RTV silicone on all connections and critical components; all wires are dressed, tie-wrapped and secured; and ThreadLock on all screws. This, plus the rugged powder-coated steel enclosure, ensures maximum shock and vibration resistance. This monitor is 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	VMOBTR-8.4C-24	VMOBT-8.4V	VMOBTC-8.4C
LCD Panel	8.4" Color LCD; LED Backlights		
Touch Screen Type	5-Wire Resistive Touch		Surface Capacitive Touch
Touch Interface	USB		
Resolution	800 x 600 (SVGA)		
Viewable Area	6.71" (W) x 5.03" (H) (170.4 x 127.8 mm)		
Pixel Pitch	0.213 mm		
Display Colors	16:2 M		
Aspect Ratio	4:3		
Brightness	450 nits		
Contrast Ratio	600:1		
Viewing Angle	160° (H) x 140° (V)		
Response Time	30 msec		
Control	OSD (On-Screen Display) via Rear Panel Pushbuttons		
Video Inputs	VGA & DVI	VGA	VGA & DVI
Power Requirement	12-24 VDC	12 VDC (2.1 mm Barrel Plug);	90-240 VAC via Included
Power Consumption	10.4W (866 mA @ 12 VDC)		
Enclosure	Powder-Coated Steel		
Mounting	75 x 75 mm Rear VESA Mount Holes		
Operating Temperature	-22° to 140° F (-30 to +60° C)		
Humidity	5-90% RH		
Shock	50G, 20ms, Half-sine wave		
Vibration	1.5G (10-200 Hz, P-P) 30 mins./axis (X,Y,Z)		
Dimensions	8.74" (W) x 6.30" (H) x 1.66" (D) (222 x 160 x 42.20 mm)		
Weight	2.87 lbs. (1.30 kg)		
Accessories	VGA & DVI Cable	VGA Cable, AC Power Adapter	VGA & DVI Cables, AC Power Adapter

VMOBT-8.4 Series

8.4" Optically Bonded Touch Screen Monitor

Dimensions:



Standard Accessories:

- 90-240 VAC Power Brick
- VGA, DVI Cables

Available Options:

- Move OSD Control Buttons onto Front Bezel
- 9-36 VDC Operation
- 1024 x 768 Resolution
- Panel Mount
- Open-Frame Configuration
- Private Label
- Wall Mount or Tabletop Bracket
- Other Customer - Specific Modifications