VL-ZBTP-10.1A

10.1” Industrial Touch Screen Monitor

- P-Cap Touch Screen
- Can Be Activated Via Wet Finger, Thin Latex or Cotton Gloves
- Zero-Bezel, Seamless, All-Glass Front Face
- Anti-Glare Tempered Glass
- *TRU-Tuff* Ensures Maximum Shock/Vibration Resistance
- Rugged Steel Construction



10.1″ OPEN FRAME TOUCHSCREEN – MULTI TOUCH

The VL-ZBTP-10.1A 10.1″ Projected Capacitive, multi-touch, bezel less monitors offer the latest in LCD touch screen technology. The projected capacitive touch technology can be activated via an exposed finger (like standard capacitive touch), and also a finger inside a surgical glove or thin cotton glove. The multi-touch capability allows simultaneous dual finger operation for selecting, zoom, flick, and other functions. Because it is a 10.1″ bezel-less touchscreen, It is also unaffected by dirt, grease or moisture on the glass surface. The sleek all-glass, seamless, zero bezel touchscreen monitor front face is stylish as well as functional. It is easy to clean and eliminates the potential for contamination build-up under the bezel.

INDUSTRIAL-GRADE TOUCHSCREEN

We build them with true industrial-grade components for long-term reliability. For example, they receive our exclusive TRU-Tuff treatment. Moreover, the TRU-Tuff process includes RTV silicone on all connections and critical components. Additionally, all wires are dressed, tie-wrapped and secured. Lastly, we apply ThreadLock to all screws to ensure they remain secured. Most importantly, this results in a rugged, dependable monitor you can rely on. They can operate on 12VDC / 90-240 VAC. The operating temperature range is 32° to 122° F (0° to 50°C).

BEZEL-LESS TOUCHSCREEN IS EASY TO CLEAN

The bezel is the outside frame or edge that surrounds the monitor’s front glass or LCD panel. For aesthetics or hygiene, many people prefer a bezel less monitor, or frameless monitor. They go by many names: zero-bezel monitors, or bezel-free monitor. These are simply monitors without frames. Products in this category feature LCD monitors and touch-screens that have a single piece of glass covering the entire front face of the monitor. The glass goes edge-to-edge, in all direction in monitors without bezels. This type of touchscreen has no bezel or frame around the front edges, as seen with typical LCD monitors.

There are many benefits to a zero bezel touchscreen monitor. You’ll love the sleek, modern appearance as well as the hygiene benefits. Since touch-screens without bezels use a single, solid surface, they are easy to clean. You won’t have to worry about contamination or germ build-up. There is no where for germs to hide. These hygiene advantages are why so many modern medical LCD monitors and medical touch screens feature a zero bezel monitor design.

BUILT FOR DEMANDING APPLICATIONS

TRU-Vu industrial LCD monitors are specifically designed for use in demanding industrial, commercial, and A/V applications. For instance, every *TRU-Vu* monitor utilizes industrial-grade components and high-end LCD panels not found in retail or consumer-grade monitors. This ensures superior image quality, improved performance and greater durability. The VL-ZBTP-10.1A industrial 10.1” bezel-less touchscreen have models with a variety of video inputs. An extensive list of available

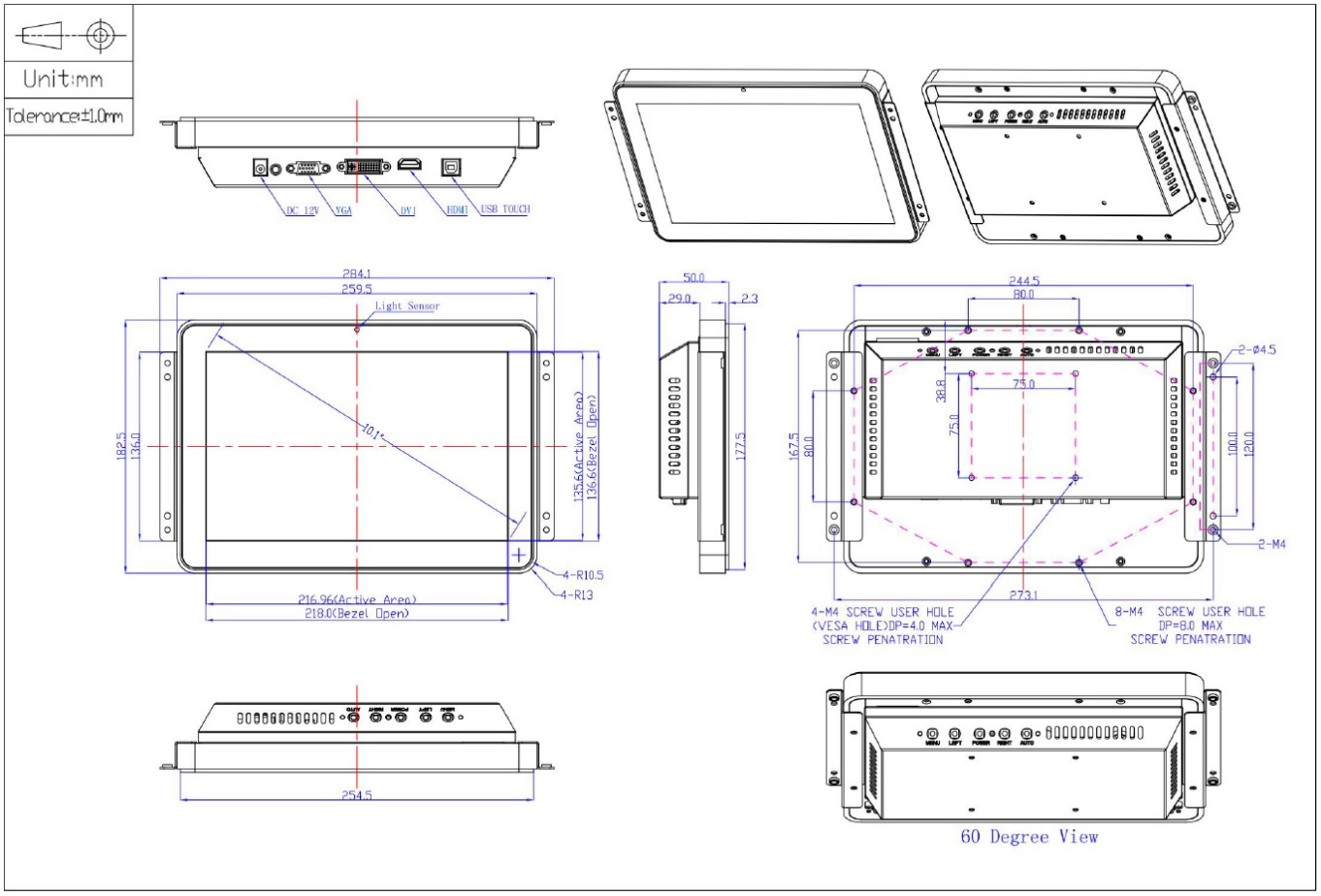
OEM options enables you to customize a solution to your specific needs. We offer numerous other monitors in similar sizes and brightness levels from which to choose. They can also be private-labeled with your company name and/or logo on the front bezel.

SPECIFICATIONS

	VL-ZBTP-10.1A
LCD Panel	10.1" Color Panel; LED Backlights
Native Resolution	1280 x 800
Aspect Ratio	16:10
Viewable Area	8.66" (W) x 5.34" (H) (219.96mm x 135.6 mm)
Pixel Pitch	.2175 x .2088
Display Colors	16.7 M
Brightness	1200 nits
Contrast Ratio	800:1
Viewing Angle	170° (H) x 170° (V)
Response Time	16 msec (Tr+Tf)
Video Inputs	VGA, HDMI, DVI
Touch Technology/Interface	Projected Capacitive/USB
Control	OSD (On-Screen Display) via Rear Panel Pushbuttons
Power Input	12VDC/100-240VAC via Included AC Power Adapter
Power Consumption	13W
Operating Temperature	32° to 122° F (0° to +50° C)
Enclosure/Material	Painted Steel
IP Rating	IP51 Front / IP20 Rear
VESA Pattern	75 x 75 mm Rear VESA Mount Holes
Dimensions	10.22″ (W) x 7.19″ (H) x 2″ (D) (259.5 x 182.5 x 50 mm)
Weight	4.6 lbs (2.1 kg)
Humidity	5-90% RH
Shock	50 G (20 msec, 1/2 sine)
Vibration	1.5G (10-200 Hz, P-P) 30 mins./axis (X,Y,Z)
Certifications/Approvals	UL, FCC, CE, CB, & RoHS
Warranty	1 Year

Note: Specifications subject to change without notice.

DIMENSIONS (MM)


Unit:mm
Tolerance:±1.0mm
DC 12V
VGA
DVI
HDMI
USB TOUCH
284.1
259.5
Light Sensor
182.5
136.0
10.1"
135.66(Active Area)
136.66(Bezel Open)
4-R10.5
4-R13
216.96(Active Area)
218.0(Bezel Open)
254.5
50.0
29.0
2.3
177.5
244.5
80.0
2-Ø4.5
38.8
75.0
75.0
167.5
80.0
100.0
120.0
2-M4
273.1
4-M4 SCREW USER HOLE
(VESA HOLE)DP=4.0 MAX
SCREW PENATRATION
8-M4 SCREW USER HOLE
DP=8.0 MAX
SCREW PENATRATION
60 Degree View