

## MMZB-21.5G-X

### 21.5" Medical Grade Monitor

- 21.5" Medical Display
- Meets **UL 60601-1 Ver. 3.1**; IEC 60601-1-2 4th Edition
- White ABS Enclosure; Bezel-Less Front Simplifies Cleaning, Increases Safety & Hygiene
- 1920 x 1080 Full HD Resolution
- Built-In Speakers
- Fan-Less Design
- Auto Re-Start After Power Loss
- Optional Rear Input Compartment Cover for Built-in Cable Management
- 3-Year Warranty
- TAA Compliant



The *TRU-Vu* MMZB-21.5G-X is a 21.5" medical display. It conforms to **UL 60601-1 Edition 3.1**, and **IEC 60601-1-2 4th Edition**. Our 21.5" medical grade monitor is ideal for use in hospitals and critical care centers. Our surgical display is deployed in surgical operating rooms, on **medical carts**, and in diagnostic imaging equipment. Medical imaging systems, fluoroscopy, endoscopy, OEM medical systems, PACS and other healthcare systems also benefit greatly.

### 21.5" MEDICAL DISPLAY, OPTIMAL IMAGE QUALITY

Our widescreen 21.5" medical monitor provides 1080p, 1920 x 1080 Full HD resolution. The super-wide 178 x 178 viewing angles ensure clear, sharp images when viewed from nearly any angle. Thanks to its high resolution, brightness and high contrast ratio, our 21.5" medical-grade display provides razor-sharp, flicker free images. This enables doctors and surgeons to make accurate, and timely, critical decisions. Fast response time and lag-free transmission of images ensure the most detailed images in the OR today.

### BEZEL-LESS MONITOR, FULL FLAT DESIGN MEDICAL GRADE MONITOR

Our zero-bezel ABS enclosure features a single pane of glass across the entire front face of its 21.5" medical-grade display. Due to the absence of any raised-edge bezel (frame) around the front edges, this screen is extremely easy to clean (see **Cleaning Instructions Guide**) and improves overall hygiene. The bezel-less monitor enclosure eliminates the build-up of germs and contamination, as there is no bezel for them to reside beneath, as with standard enclosures. Additionally, The rounded corners of the housing add a measure of comfort and safety, as well as improved aesthetics.

This lightweight surgical display features rear VESA mount holes which enables easy mounting via spring arms, surgical booms or tabletop stands. For instance, view the wide range of **LCD monitor mounts and stands** to complete your installation. Rear speakers are standard and can provide useful tones or alarms.

### FAN-LESS MEDICAL GRADE MONITORS

All our Medical displays are built without internal fans. A fan-less design provides numerous important benefits. Reliability and durability are greatly increased, since one major moving part, the fan, which is subject to mechanical failure, is eliminated. A monitor design with no fan also provides a higher level of safety in sterile environments, as it eliminates the circulation of pathogens and dust. Lastly, a fan-less monitor is also more quiet.

**OUR TECHNICAL EXPERTS WILL HELP YOU FIND THE BEST SURGICAL DISPLAY**

With over 200 LCD monitors and touch screens on our site, selecting the ideal medical monitor solution may be a bit overwhelming. To help narrow-down the choices, check out our [Advanced Search Tool](#). For example, this enables you to filter by your own useful features. View all [Medical-Grade displays only](#). Shop by size [21.5" to 65" monitors](#), filter by [standard brightness](#), or see all [bezel less monitors](#). Custom OEM LCD Displays and Private Label Monitors are also an option if you have very specific requirements.

**TELL US ABOUT YOUR MEDICAL OR SURGICAL DISPLAY APPLICATION ~ WE LISTEN!**

Remember, our team members are ready to help! We can determine the exact solution that will meet your specific needs. TRU-Vu medical displays will help provide crystal-clear images for your medical monitor projects. Call (847) 259-2344 today to speak with one of our medical monitor specialists. Above all, we will listen. It's one of the things we do best. Additionally, our professional advisors will ensure the monitor or touch screen you receive will be everything you had hoped it would for your medical imaging system.

If you prefer, fill out a quick form with your requirements, and our specialists will guide you to the proper models that will work best.

All TRU-Vu Medical Grade monitors utilizes industrial-grade components and high-end LCD panels not found in retail/consumer-grade monitors. Therefore, this ensures superior image quality, improved performance and greater durability.

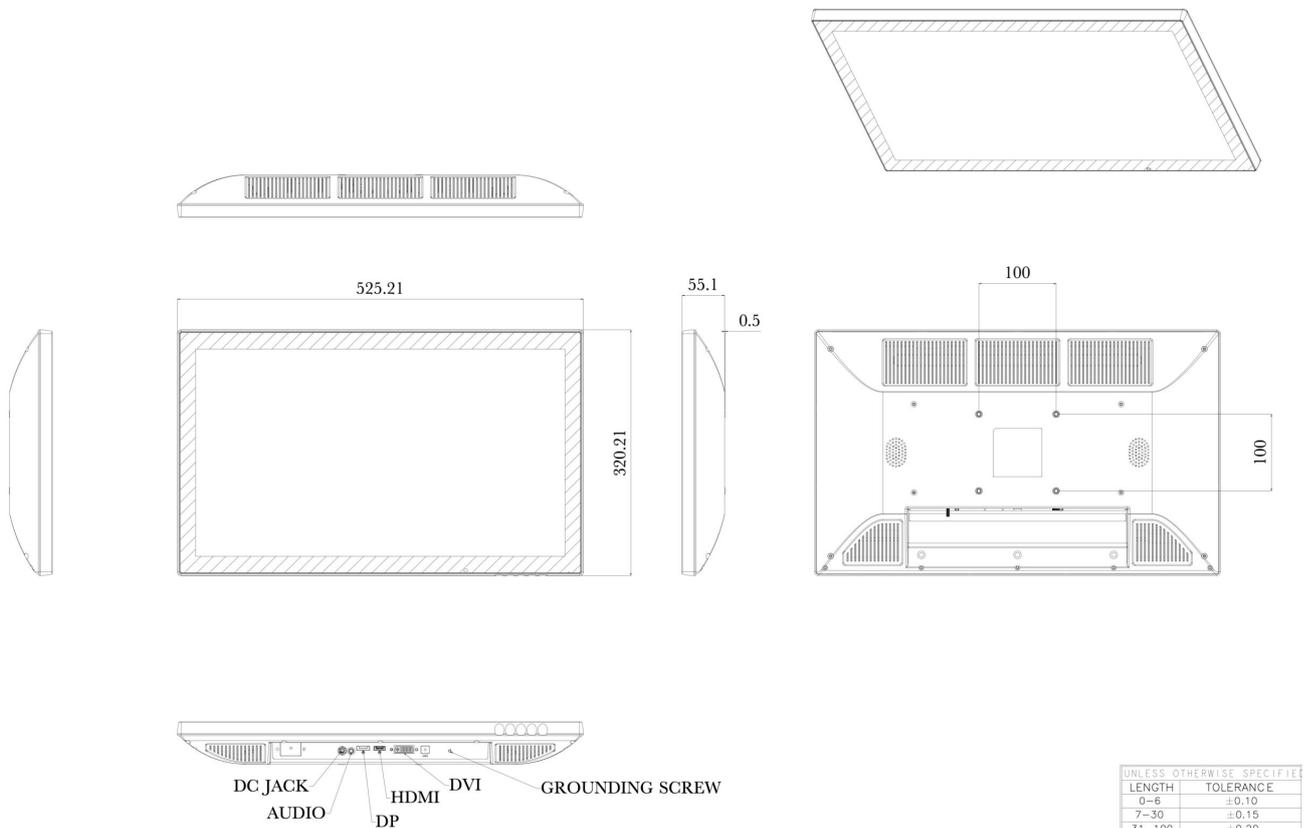
**SPECIFICATIONS**

	<b>MMZB-21.5G-X</b>
LCD Panel	21.5" Color AHVA; LED Backlights
Display Resolution	1920 x 1080 (1080p/60)
Viewable Area	18.76" (W) x 10.55"(H) (476.64 x 268.11mm)
Pixel Pitch	0.248 mm
Display Colors	16.7 M
Aspect Ratio	16:9
Brightness	350 nits
Contrast Ratio	1,000:1
Viewing Angle	178° (H) x 178° (V)
Response Time	22 ms Trf
Control	OSD (On-Screen Display) via Capacitive Buttons Under Front Edge
Video Inputs	DVI, HDMI, DisplayPort
Audio	Dual Rear Speakers
Power Requirement	100-240 VAC via included Medical-Grade External Power Supply with Locking Connector; Includes Green Dot Power Cord
Power Consumption	16.8W
Enclosure	Zero-Bezel Front; White ABS Rear
Enclosure IP Rating	Front: IP65 Rear: IP30
Mounting	100mm x 100mm Rear VESA Holes; Optional Tabletop Base
Operating Temp.	+32 to +122°F (0° to +50°C)
Humidity	5-90% Non-Condensing
Shock / Vibration	50G Half-sine 20 msec ; 1.5G 10-200 Hz50G, Half-sine Wave, 20ms, X/Y/Z

<b>MMZB-21.5G-X</b>	
Certifications	UL: ANSI/AAMI ES60601-1 (2005/(R)2012 + A1:2012, C1:2009/(R)2012 + A2:2010/(R)2012) CAN/CSAC22.2 No. 60601-1:14 CB : IEC 60601-1-6:2010/AMD1:2013, IEC 60601-1-6:2010, IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005
Dimensions	20.72" (W) x 12.65" (H) x 2.25" (D) (526.2 x 321.2 x 57.1 mm)
Weight	10 lbs (4.53 kg)
Warranty	3-Year

Note: Specifications subject to change without notice.

**DIMENSIONS (MM)**



UNLESS OTHERWISE SPECIFIED	
LENGTH	TOLERANCE
0-6	±0.10
7-30	±0.15
31-100	±0.20
101-300	±0.25
301-UP	±0.30
ANGLE	±1.0°

**Standard Accessories:**

- Medical-Grade AC Power Supply
- Hospital-Grade Green Dot Power Cord
- DVI Cable
- Audio Cable

**Available Options:**

- Tabletop Base
- Optional Rear Input Compartment Cover (ACC-MMZB-21.5-COV)
- P-Cap Touch Screen (MMZBTP-21.5G)
- DICOM Part 14 GSDF Calibration
- Black Enclosure (MMZB-21.5G-XB)
- 24VDC Power Input
- Private Label
- Other Custom-Specific Modifications