MMZBTP-23.8 Series

23.8" Medical Touch Screen Monitor

- 23.8” Medical Touch Screen Monitor
- Meets UL 60601-1 Ver. 3.1; IEC 60601-1-2 4th Edition
- Projected Capacitive Touch Screen (P-Cap)
- 1920 x 1080 Full HD Resolution
- White ABS Enclosure; Bezel-Less Front Simplifies Cleaning, Increase Safety & Hygiene
- Built-In Speakers
- Auto Re-Start After Power Loss
- 3-Year Warranty

The *TRU-Vu* MMZBTP-23.8 Series is a 23.8” medical touch screen monitors. This surgical touch panel conforms to UL 60601-1 Edition 3.1, and IEC 60601-1-2 4th Edition. Our 23.8″ medical touch screen display is ideal for hospital operating rooms, medical carts, medical imaging systems, fluoroscopy, endoscopy, OEM medical systems, PACS and other medical applications.

23.8″ MEDICAL TOUCH SCREEN WITH OPTIMAL IMAGE QUALITY

Our widescreen 23.8″ medical touch screen monitor provides 1080p, 1920 x 1080 Full HD resolution. The super-wide 178 x 178 viewing angles ensures clear, sharp images when viewed from nearly any angle. Thanks to its high resolution, brightness and high contrast ratio, our 23.8″ medical-grade touch screen provides razor-sharp, flicker free images with a 16:9 aspect ratio. This will enable 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.

MEDICAL GRADE P-CAP TOUCH SCREEN

The projected capacitive touch technology enables multi-touch, with up to 10 simultaneous touch points. The P-Cap touch screen can be activated via exposed fingers, or with a surgical glove. The screen is unaffected by dirt, grease or moisture on the glass surface. To help you guide you through the advantages of the 5 most common types of touch technology, see our tutorial on touch screen basics. Our convenient touch screen comparison chart will provide a quick overview of advantages and disadvantages of each type.

23.8″ BEZEL LESS MONITOR, FULL FLAT DESIGN

Our zero-bezel ABS enclosure features a single pane of glass across the entire front face of its 23.8″ medical-grade touch screen. Due to the absence of any raised-edge bezel (frame) around the front edges, this touch 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. 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. Visit our wide range of LCD monitor mounts and stands to complete your installation. Rear speakers are standard and can provide useful tones or alarms.

FANLESS MEDICAL GRADE MONITORS

All our Medical displays are built without internal fans. A fanless 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 fan-less design 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 quieter.

OUR TECHNICAL EXPERTS ARE READY TO HELP YOU FIND THE BEST MEDICAL TOUCH PANEL

With over 540 LCD monitors and touch screens on our site, selecting the ideal surgical touch panel 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 , see our full line of Touch Screen 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.

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 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. 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.

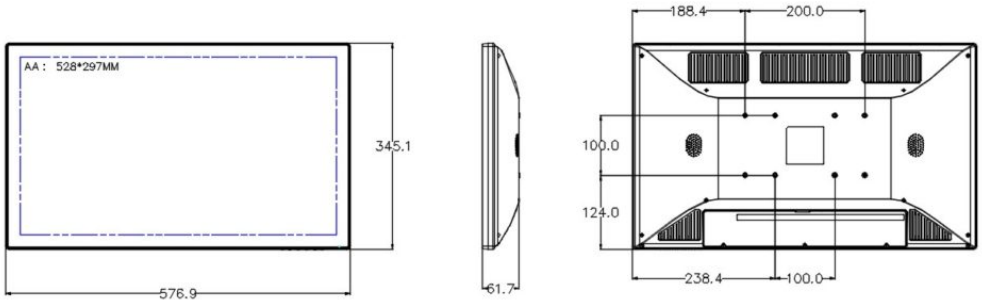
SPECIFICATIONS

	MMZBTP-23.8G-X	MMZBTP-23.8G
LCD Panel	23.8" Color AHVA; LED Backlights	
Touch Screen Type	Projected Capacitive, 10 Simultaneous Touch Points, Anti Glare Glass	
Touch Interface	USB	
Resolution	1920 x 1080 (1080p/60)	
Viewable Area	20.75" x 11.67" (527.2 x 296.46 mm)	
Pixel Pitch	0.2745 mm	
Display Colors	16.7M	
Aspect Ratio	16:9	
Brightness	400 nits	
Contrast Ratio	1,000:1	
Viewing Angle	178° (H) x 178° (W)	
Response Time	14 msec Grey to Grey	
Control	OSD (On-Screen Display) via Capacitive Buttons Under Front Edge	
Video Inputs	DVI-D, 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	100-240 VAC via Medical-Grade Internal Power Supply and Green Dot Power Cord
Power Consumption	25W	TBD
Enclosure	Zero-Bezel Front; White ABS Rear	

	MMZBTP-23.8G-X	MMZBTP-23.8G
Enclosure IP Rating	Front: IP65 Rear: IP30	
Mounting	100mm x 100mm / 100mm x 200mm Rear VESA Holes; Optional Tabletop Base	
Operating Temp	32˚ to 122˚F (0 to 50˚C)	
Humidity	5-90% RH	
Shock/Vibration	50G Half-sine 20 msec ; 1.5G 10-200 Hz	
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	22.71 (W) x 13.58" (H) x 2.43" (D) (576.9 x 345.1 x 61.7 mm)	
Weight	13.2 lbs (5.98 kg)	TBD
Warranty	3 Years	

Note: Specifications subject to change without notice.

DIMENSIONS (MM)



Standard Accessories:

- External Medical Grade Power Supply with Hospital-Grade Green-Dot Power Cord (Model MMZBTP-23.8G-X only)
- DVI Cable
- Audio Cable
- USB Cable
- HDMI Cable
- Ground Wire

Available Options:

- Tabletop Base
- Black Enclosure
- Private-Label
- Other Customer-Specific Modifications