MMZBXTP-27K-X

27” 4K Medical Grade Touchscreen Monitors



- 27” Medical Grade Projected Capacitive (USB) Touchscreen Monitor
- Certified to the Latest 60601-1 Standards
- 3840 x 2160 4K UHD Video Resolution
- DICOM Compliant
- White ABS Enclosure; Bezel-Less Front Simplifies Cleaning, Increases Safety & Hygiene
- Built-In Speakers
- Available Options: Built-in Camera & Mic, Light Sensor, Reading Light, RFID Reader, HD-SDI
- 3-Year Warranty
- TAA Compliant

The *TRU-Vu* MMZBXTP-27K-X are 27” medical touchscreen monitors. They conform to the latest 60601-1 standards and are ideal for hospital operating rooms, medical carts, medical imaging systems, fluoroscopy, endoscopy, OEM medical systems, PACS and other medical applications.

27″ MEDICAL DISPLAY, OPTIMAL IMAGE QUALITY

Our widescreen 27″ medical touchscreen provides 3840 x 2160 UHD 4K Video Resolution resolution, 500 nits of brightness and built-in DICOM setting. The super-wide 178 x 178 viewing angles ensures clear, sharp images when viewed from nearly any angle. For instance, this is ideal for a surgical display. Thanks to its high resolution, brightness and high contrast ratio, our 27″ medical-grade display provides razor-sharp, flicker free images. For example, 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. It features a 16:9 aspect ratio.

The projected capacitive touch technology enables multi-touch, with up to 10 simultaneous touch points for your medical imaging system. 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.

Available options include a built-in camera and microphone, RFID reader, light sensor, reading light, tabletop base and HD-SDI input/output. Private label options such as custom logo, custom model number and custom splash screen are also available.

FULLY FLAT DESIGN IS EASY TO CLEAN

Our zero-bezel ABS enclosure features a single pane of Anti-Reflective glass across the entire front face of its 27″ medical monitor. 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. 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. This 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.

WE ARE READY TO HELP YOU FIND THE BEST MEDICAL DISPLAY

With over 200 LCD monitors and touch screens on our site, selecting the ideal 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.

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 medical 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. These are not found in retail or consumer-grade monitors. Therefore, this ensures superior image quality, improved performance and greater durability.

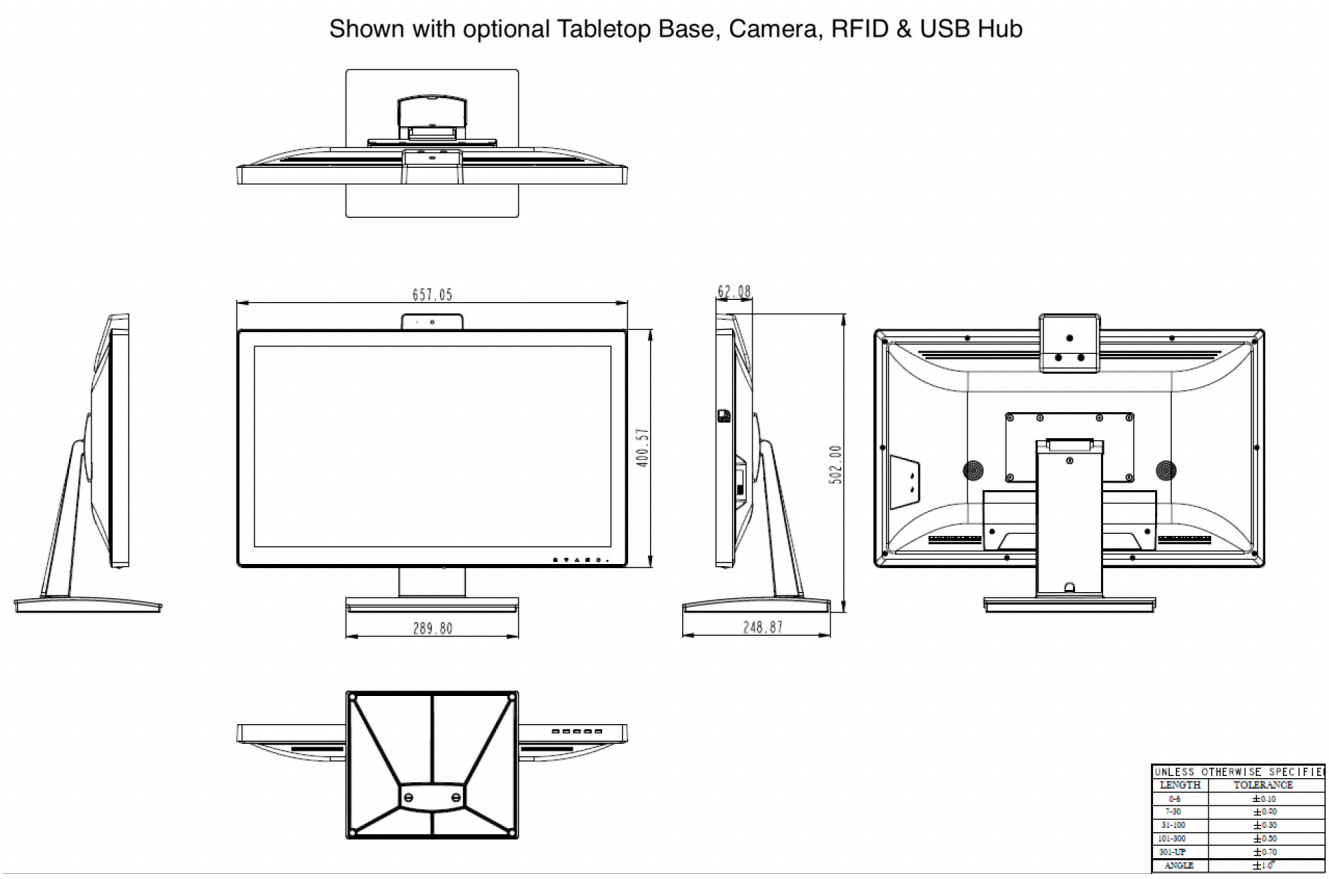
SPECIFICATIONS

	MMZBXTP-27K-X
LCD Panel	27" AHVA LCD; LED Backlights
Native Resolution	3840 x 2160 4K UHD / 60Hz
Aspect Ratio	16:9
Viewable Area	23.5" (W) x 13.2" (H) (596.16 x 335.34 mm)
Pixel Pitch	0.15525 mm
Display Colors	1.07 B
Brightness	500 nits
Contrast Ratio	1,000:1
Viewing Angle	178° (H) x 178° (V)
Response Time	16 msec (Tr+Tf)
Video Inputs	VGA, HDMI, DisplayPort, & DVI (HD-SDI optional)
Touch Technology/Interface	Projected Capacitive/USB
Control	OSD (On-Screen Display) via Front Capacitive Buttons
Power Input	12VDC/100-240 VAC via Medical-Grade External Power Supply with Locking Connector; Includes Green Dot Power Cord
Power Consumption	47.7W
Operating Temperature	32˚ to 122˚F (0° to +50˚C)
Enclosure/Material	ABS
IP Rating	IP65 Front / IP30 Rear
VESA Pattern	100 x 100 & 200 x 100 mm Rear VESA Mount Holes
Dimensions	25.87" (W) x 15.77" (H) x 2.45" (D) (657.1 x 400.6 x 62.1 mm)
Weight	14.6 lbs (6.6 kg)
Humidity	5-90% RH
Shock	50 G (20 msec, 1/2 sine)
Vibration	1.5G RMS 10-200 HZ

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Certifications/Approvals	TUV: ANSI/AAMI ES60601-1:2005/A2:2021 CSA C22.2 No. 60601-1:2014/A2:2022-03 CE: EN 60601-1-2: 2015+A1:2021 FCC: 47 CFR FCC Part 18, Subpart C CB : IEC 60601-1:2005 IEC 60601-1:2005/AMD1:2012 IEC 60601-1:2005/AMD2:2020
Warranty	3 Years

Note: Specifications subject to change without notice.

DIMENSIONS (MM)



Standard Accessories:

- External Medical-Grade Power Supply with Green Dot Power Cord
- HDMI Cable
- Audio Cable
- USB Cable

Available Options:

- Tabletop Base
- HD-SDI
- Camera & Mic
- RFID Reader
- USB Hub
- Reading Light
- Light Sensor
- Black Enclosure
- Private-Label