

MMZBXTTP-27K-X

27" 4K Medical Grade Touchscreen Monitors

- 27" Medical Grade Projected Capacitive (USB) Touchscreen Monitor
- Certified to UL 60601-1 Ver. 3.1 and/or IEC 60601-1-2 4th Edition
- 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 MMZBXTTP-27K-X are 27" medical touchscreen monitors. MMZBXTTP-27K-X conforms to UL 60601-1 Edition 3.1, and IEC 60601-1-2 4th Edition 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

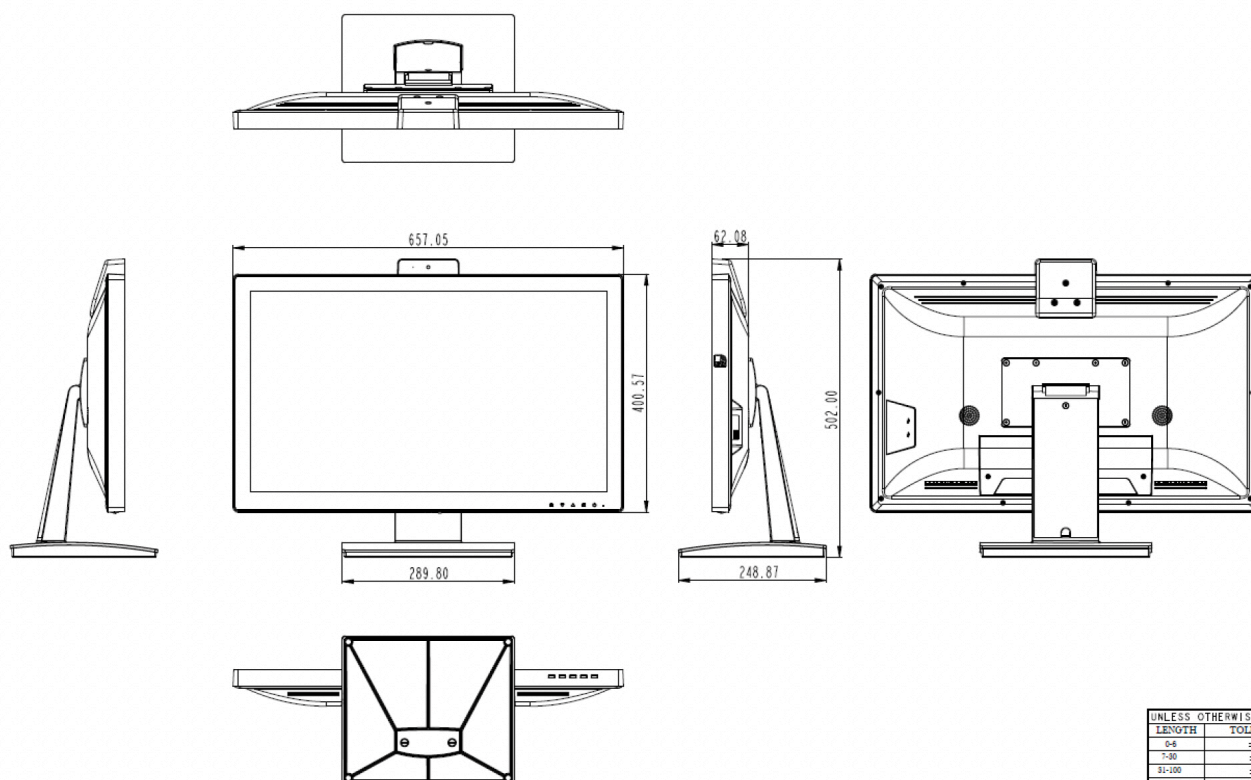
| | MMZBXT-27K-X |
|-----------------------|---|
| LCD Panel | 27" AHVA color LCD; LED Backlights |
| Touch Screen Type | Projected Capacitive, 10 Simultaneous Touch Points |
| Touch Interface | USB |
| Resolution | 3840 x 2160 4K UHD / 60Hz |
| Viewable Area | 23.5" W x 13.2" H (596.16 x 335.34 mm) |
| Pixel Pitch | 0.15525 mm |
| Display Colors | 1.07 Billion |
| Aspect Ratio | 16:9 |
| Brightness | 500 nits |
| Contrast Ratio | 1,000:1 |
| Viewing Angle | 178° (H) x 178° (V) |
| Response Time | 16 msec Trf |
| Control | OSD (On-Screen Display) via Buttons Under Front Edge |
| Video Inputs | VGA, HDMI, DisplayPort, & DVI (HD-SDI optional) |
| Audio | Rear Speakers |
| Power Requirement | 12VDC/100-240 VAC via Medical-Grade External Power Supply with Locking Connector; Includes Green Dot Power Cord |
| Power Consumption | TBD |
| Enclosure | Zero-Bezel Front; White ABS Rear |
| Enclosure IP Rating | Front: IP65 Rear: IP30 |
| Mounting | 200x100mm & 100mm x 100mm Rear VESA Holes; Optional Tabletop Base |
| Operating Temperature | 32° to 122°F (0° to 50°C) |
| Humidity | 5-90% Non-Condensing |
| Shock / Vibration | 50G Half-sine 20 msec ; 1.5G 10-200 Hz |

| | MMZBXT-27K-X |
|----------------|---|
| 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 | 25.87" (W) x 15.77" (H) x 2.45" (D) (657.1 x 400.6 x 62.1mm) |
| Weight | TBD |
| Warranty | 3 Years |

Note: Specifications subject to change without notice.

DIMENSIONS (MM)

Shown with optional Tabletop Base, Camera, RFID & USB Hub



| UNLESS OTHERWISE SPECIFIED | |
|----------------------------|-----------|
| LENGTH | TOLERANCE |
| 0-6 | ±0.10 |
| 7-30 | ±0.20 |
| 31-100 | ±0.30 |
| 101-300 | ±0.50 |
| 301-127 | ±0.75 |
| ANGLE | ±1.0° |

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