

MZBTP-21.5R-12

21.5" OEM Medical Touch Screen Monitor

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- Projected Capacitive Touch Screen (P-Cap)
- Black ABS Enclosure; Bezel-Less Front Simplifies Cleaning
- Built-In Speakers
- Auto Re-Start After Power Loss
- 3-Year Warranty



21.5" P-CAP TOUCH SCREEN

The MZBTP-21.5R-12 is a 21.5" P-Cap touch screen. It is an OEM version of our standard 21.5" Medical Grade touch screen. The primary differences are the video inputs available, and this model does not include the external medical-grade power supply. Therefore, technically we cannot market this model as a Medical Grade touch screen. However, when connected to your own medical power supply, this unit will pass all the current UL60601-1 Edition 3.1 and IEC 60601-1-2 4th edition testing.

CUSTOM OEM OPTIONS FOR MEDICAL DISPLAYS

Why settle for an off-the-shelf solution? Let TRU-Vu provide you with a custom monitor designed to your unique specifications. We can customize nearly any aspect of your touch screen, from the inputs and electronics to screen treatments, enclosure color and mounting options. To maximize your branding, we can private-label your custom monitor with your own name, logo and/or unique model number. Ask us for more details.

OPTICAL IMAGE QUALITY COUNTS ON MEDICAL GRADE MONITORS

This 21.5" projected capacitive touch provides 1080p, 1920 x 1080 Full HD resolution. Additionally, 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" touch screen provides razor-sharp, flicker free images with a 16:9 aspect ratio. Consequently, this enables doctors and surgeons to make accurate, and timely, critical decisions. Finally, fast response time and lag-free transmission of images ensure the most detailed images in the OR today.

PROJECTED CAPACITIVE TOUCH TECHNOLOGY (P-CAP)

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. Furthermore, the screen is unaffected by dirt, grease or moisture on the glass surface.

BEZEL-LESS MONITOR, FULLY FLAT DESIGN

Our zero-bezel ABS enclosure features a single pane of glass across the entire front face of the 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. Additionally, the bezel-less touchscreen 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 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](#), 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 monitors utilize 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.

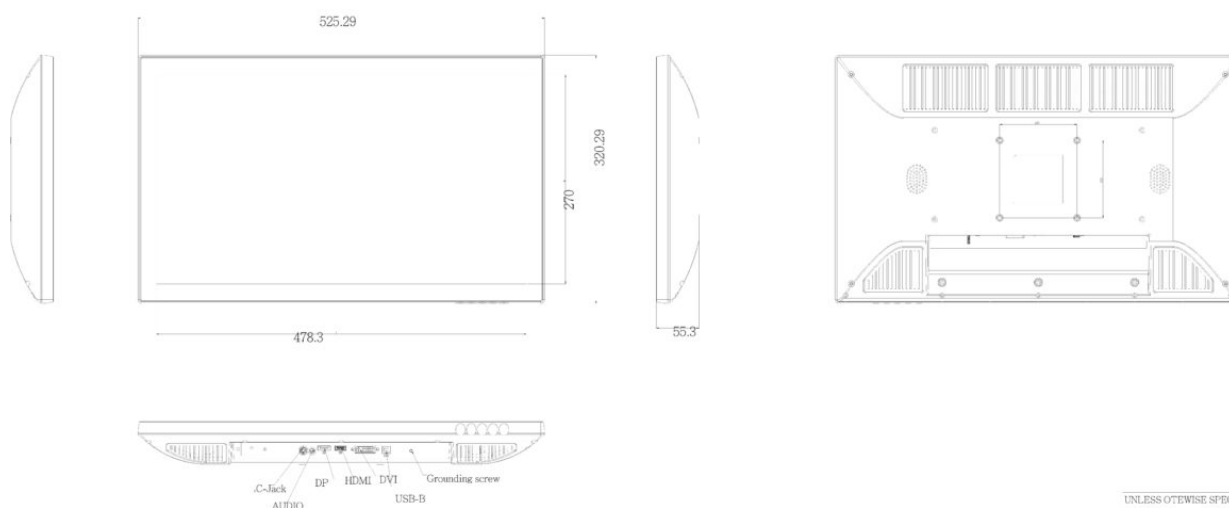
SPECIFICATIONS

	MZBTP-21.5R-12
LCD Panel	21.5" Color AHVA; LED Backlights
Touch Screen Type	Projected Capacitive, 10 Simultaneous Touch Points, Anti Glare Glass
Touch Interface	USB
Resolution	1920 x 1080 (FullHD)
Viewable Area	18.76" W x 10.55" H (476.6 x 268.1 mm)
Pixel Pitch	0.248mm
Display Colors	16.7M
Aspect Ratio	16:9
Brightness	350 nits
Contrast Ratio	1,000:1
Viewing Angle	178° (H) x 178° (V)
Response Time	22 msec Trf
Control	OSD (On-Screen Display) via Capacitive Buttons Under Front Edge
Video Inputs	VGA, HDMI, DisplayPort
Audio	Dual Rear Speakers

	MZBTP-21.5R-12
Power Requirement	12VDC
Power Consumption	15W
Enclosure	Black ABS; Zero-Bezel Design
Enclosure IP Rating	Front: IP65 Rear: IP30
Mounting	100mm x 100mm Rear VESA Holes; Optional Tabletop Base
Operating Temperature	32° to 122° F (0° x 50° C)
Humidity	5-90% RH
Shock / Vibration	50G Half-sine 20 msec ; 1.5G 10-200 Hz
Certifications	RoHS; REACH
Dimensions	20.72" (W) x 12.65" (H) x 2.25" (D) (526.2 x 321.2 x 57.1 mm)
Weight	10.15 lbs (4.6 kg)
Warranty	3 Years

Note: Specifications subject to change without notice.

DIMENSIONS (MM)



UNLESS OTHERWISE SPECIFIED	
LENGTH	TOLERANCE
0-6	±0.10
7-30	±0.20
31-100	±0.30
101-300	±0.50
301-UP	±0.70
ANGLE	±1.0°

Standard Accessories:

- VGA Cable
- Audio Cable

Available Options:

- Tabletop Base
- White Enclosure
- Private Label
- External Medical-Grade Power Supply with Green Dot Power Cord
- HDMI Cable
- DisplayPort Cable

- USB Cable
- Other Custom-Specific Modifications