



SKU: #TG224



Reliability



Anti Fingerprint



Ingress Protection



CDC Cleaning



Anti Bacterial



Made in USA

22" TechGlobal LED Monitor with Tech-Armor

Display Performance

- Medical "A" Grade LCD Panel/ 16:9
- IP Rated Edge-to-Edge sealed 3mm glass surface with ruggedized CNC machined 6061 aluminum, powder coated sheet metal
- America's Best Commercial Warranty 4 Years with advanced replacement
- 0% image retention (No Ghosting)
- (MTBF) 124,000 Hours
- Industrial/ Military thermal management with additional heat sinks
- External shielded medical grade power supply with locking connector 24/7/365
- Industrial shock resistant locking internal and external electrical connectors
- Robust, rigid and shielded ribbon cabling wiring throughout
- Military grade tactile, sealed, snap action OSD buttons
- Proprietary heat dissipation units for microprocessors
- High quality, stable capacitors for increased thermal shock tolerance and life expectancy of semiconductors
- Made in the USA

Certifications

- 60601-1
- IPX2
- IP34

Tech-Armor Display Protection

- 3mm anti-vandal sealed glass surface
- **Anti-Fingerprint** Oleophobic nano-coating
- **Anti-Glare** Diffuses mirror-like reflection
- **Antibacterial Technology** with Antimicrobial agents that fight and stop the bacteria's cell membrane
- Water resistant venting features
- Protected from light water spray from any direction
- Protected from tools and wires greater than 2.5 millimeters

Applications

- Mission Critical Applications
- Medical
- 24/7 Applications
- Industrial



SPECIFICATIONS

Display

Medical "A" Grade Display/ Edge-Lit LED LCD

Viewable Image Size	21.5"/ 16:9
Mean Time Between Failure (MTBF)	124,000 Hours
Pixel Pitch	0.25mm
Pixels Per Inch	102 @ native resolution
Brightness	250 cd/m2
Contrast Ratio	3000:1
Viewing Angle	178° Vert., 178° Hor.
Response Time	Rapid Response (25ms)

Synchronization Range

Horizontal	31.5 kHz to 81.1 kHz (Analog/Digital)
Vertical	56 to 76 Hz

Input Signal

Video	ANALOG 0.7 Vp-p/75 Ohms
Sync	TTL Level (Positive/Negative)
Input Connectors	DisplayPort, HDMI & DVI
Native Resolution	1920 x 1080 HD @ 60 Hz
Internal Speakers	Built-in multimedia speakers provide quality sound

Power Consumption

On	18W/ Power Savings Mode .35W
Dimensions (WxHxD)	
Net (with stand)	21.25 x 12.93 x 8.1 in.
Net (without stand)	21.25 x 12.93 x 1.6 in.
Net Weight (with stand)	14 lbs.
VESA Hole Configuration Specification	100 x 100mm

Environmental Conditions

Operating Temperature	5-35C/41-95F
Operating Humidity	20-80%
Operating Altitude	2000m / 6562 ft.
Storage Temperature	-10-60C/14-140F
Storage Humidity	10-85%
Storage Altitude	12,192m/40,000 ft.

Warranty

4 years parts and labor including backlight and touch components