



SKU: #TG242



Reliability



Anti Fingerprint



Ingress Protection



CDC Cleaning



Anti Bacterial



Made in USA

## 24" 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 C4iSR
- Medical
- 24/7 Applications
- Industrial



Designed and Manufactured by Tech Global, Inc. in Chicago, IL

# SPECIFICATIONS

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## Display

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

Viewable Image Size	24"/ 16:9
Mean Time Between Failure (MTBF)	124,000 Hours
Pixel Pitch	0.25mm
Pixels Per Inch	102 @ native resolution
Brightness	250 cd/m <sup>2</sup>
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	HDMI, DVI-D and VGA 15 pin D-sub
Native Resolution	1920 x 1080 HD @ 60 Hz
Internal Speakers	No

## Power Consumption

On	18W/ Power Savings Mode .35W
Dimensions (WxHxD)	
Net (with stand)	23.5 x 14.4 x 8.1 in.
Net (without stand)	23.5 x 14.4 x 1.64 in.
Net Weight (with stand)	17 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

