



SKU: #EVO242



Reliability



Anti Fingerprint



Ingress Protection



Plug & Play



Anti Bacterial



Made in USA

## 24" Evolution Multi-Touch LED Touch Screen

### Touch Screen Performance (Evolution-Touch)

- Superior High-Performance Projected Capacitive (Unlimited Touch Activations)
- 10 Point Multi-Touch (Finger, Capacitive Stylus, Nitrile, Latex and Vinyl Gloves)
- USB HID compliant & Driver free with no calibration
- Ultra Fast Precision Touch Response
- Requires human intentional touch (HIT)
- Anti-Fingerprint Oleophobic nano-coating
- Anti-Glare Diffuses mirror-like reflection
- Noise Immunity (Advanced technology to eliminate wide band and narrow band interference)
- 3mm thick, sealed full glass display
- Windows 8 (Swipe Zone)
- Multiple monitor supported (W8)
- Touch operation is unaffected by surface contaminants



### Display Performance

- Medical "A" Grade LCD Panel/ 16:9
- Edge-to-Edge sealed 3mm glass surface (Infection Control)
- Industrial Cooling
- Heavy duty shielded board level components
- America's Best Commercial Warranty 4 Years with advanced replacement
- (MTBF) 124,000 Hours
- Energy Star Compliant
- HDMI (HDCP Compatible) input provides expanded connectivity with advanced technology
- VESA compliant
- Locking power supply connection
- Easily disinfected using any hospital cleaning agent
- Made in the USA

### Applications

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

### Certifications

- 60601-1
- IPX2
- IP34



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

## Touch Interface

Evolution-Touch (PCT/ Anti-Fingerprint/ Anti-Glare): USB/ HID Compliant

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

