



**Optically Bonded**

**Sunlight Readable**

**Ingress Protection**

**Outdoor All Weather**

**Durable Touch**

**Made in USA**

## 22" Titan All Weather Outdoor 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)
- 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
- Android
- Touch operation is unaffected by surface contaminants



### Display Performance

- Medical "A" Grade LCD Panel/ 16:9
- Sealed Edge-to-Edge 3mm tempered glass surface (Anti-Vandal)
- Industrial Cooling
- 1 Year Warranty
- (MTBF) 124,000 Hours
- Integrated;
  - Waterproof HD Speakers
  - Glass Sealed 8MP Front Camera
  - Waterproof Mic
- IP64 Protection
- Sizes Supported: 22" & 24"
- Made in the USA

### Applications

- Outdoor Kiosk
- Outdoor Retail
- Outdoor Mission Critical Applications
- Outdoor 24/7 Applications



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 21.25"/ 16:9  
Mean Time Between Failure (MTBF) 124,000 Hours

## Touch Interface

Evolution-Touch (PCT/ Anti-Fingerprint): 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)  
Native Resolution 1920 x 1080 HD @ 60 Hz  
Internal Speakers Two Internal Waterproof Speakers

## Data Capture

Integrated Scanner Decoded SE3307 scan engine  
Front Sealed Camera 8MP; optimized for video collaboration with 1080P 30FPS video

## Power Consumption

On 18W/ Power Savings Mode .35W  
Dimensions (WxHxD) 21.25 x 16 x 4.1 in.  
Net Weight (with stand) TBD

## 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

1 years parts and labor including backlight and touch components

