



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
- Touch operation is unaffected by surface contaminants



Available Operating Systems

- **Windows**
 - Windows 10
 - 8 GB Memory/ Expandable to 16 GB
 - i3 Processor/ Upgradable to i5 or i7
 - 128 GB SSD/ Upgradable to 1TB
 - IEEE 802.11ac/n WIFI + Bluetooth 4.1
- **Android**
 - 7.1.2 Nougat
 - 4 GB RAM
 - 16 GB Flash Memory/ Upgradable
 - 2.0 GHz Multi Core ARM processor
 - IEEE 802.11ac/n WIFI + Bluetooth 4.1

Display Performance

- Medical "A" Grade LCD Panel/ 16:9
- RTV Sealed Edge-to-Edge 3mm tempered glass surface (Anti-Vandal)
- Thermal Controls for heating and cooling/ Ambient Sensor
- 1 Year Warranty
- (MTBF) 124,000 Hours
- Integrated;
 - Waterproof HD Speakers
 - Glass Sealed 8MP Front Camera
 - Waterproof Mic
- IP67 Protection
- High Bright Sunlight Readable
- Made in the USA

Applications

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



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

SPECIFICATIONS

Touch Interface

Evolution-Touch (PCT/ Anti-Fingerprint): USB/ HID Compliant (5ms)

Display

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

Viewable Image Size	21.25"/ 16:9
Mean Time Between Failure (MTBF)	124,000 Hours
Pixel Pitch	0.25mm
Pixels Per Inch	102 @ native resolution
Brightness	1000 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)
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
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Dimensions (WxHxD)

Net (without stand)	21.25 x 16 x 4.1 in.
Net Weight (with stand)	TBD

Mounting Options

Pole Mount	
Wall Mount	3/8"-16 bolts and has a bolt pattern of 5.23" x 2.855"

Environmental Conditions

Operating Temperature	-40 to 140F
Operating Humidity	0-100%
Operating Altitude	2000m / 6562 ft.
Storage Altitude	12,192m/40,000 ft.

Warranty

1 years parts and labor including backlight and touch components

