



Epic Approved
MEDITECH Approved

12.9"(H)

1.6"(D)

SKU: # EVO224MD

Medical Grade

Anti Fingerprint

Anti Bacterial

CDC Cleaning

Ingress Protection

Made in USA

22" Evolution MD 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



Applications

- Medical (EMR/ EHR)
- Patient Kiosks
- Nurse Stations
- Dental
- Pharmacy Automation
- Bedside

Certifications

- 60601-1
- IPX2
- IP34

Medical Display Performance

- Medical "A" Grade LCD Panel/ 16:9
- Edge-to-Edge sealed 3mm glass surface (Infection Control)
- Medical certified power supply (60601-1)
- Industrial Cooling
- America's Best Commercial Warranty 4 Years with advanced replacement
- Proprietary CFD Designed Ventilation
- Custom vent system to limit dust collection and prevent fluid intrusion
- CDC high level disinfection compatible
- (MTBF) 124,000 Hours
- 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



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

SPECIFICATIONS

Touch Interface

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

Display

24/7 Medical "A" Grade Display/ Edge-Lit LED LCD

Viewable Image Size	22"/ 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/ Medical Certified Power Supply (60601-1)
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

Options: Integrated Privacy Screen for HIPAA Compliance Available/ Medical grade stylus available



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