



Epic Approved
MEDITECH Approved



SKU: # EVO242MD

Medical Grade	Anti Fingerprint	Anti Bacterial	CDC Cleaning	Ingress Protection	Made in USA
---------------	------------------	----------------	--------------	--------------------	-------------

24" 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

Display

24/7 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/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 **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/ **Medical Certified Power Supply (60601-1)**
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

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



TechGlobal



Epic Approved

