



DTL223

22" Medical LCD Touchmonitor

GeneralTouch's DTL223 22" Medical LCD touchmonitor

GeneralTouch's LCD touchmonitors are designed and manufactured with special consideration for space-saving, cost-effective touch solutions for system integrators, and Value Added Resellers. These touchmonitors are a representation of the reliable and quality solution from GeneralTouch and are developed with various touch solutions in mind.

The DTL223 is completely and thoughtfully designed in-house. It is equipped with a sturdy stand and OSD, with the power controls located on the side, and it is an ideal choice for public use. The DTL223 can be used as a desktop or wall mounted unit and includes a 75×75mm or 100×100mm VESA mounting option. This LCD touchmonitor is sealed against dirt and dust, and offers the options of the two applicable touch technologies on the market today; namely GeneralTouch's SAW with a pure glass touch panel, and 5-Wire resistive touch panel.

GeneralTouch's DTL223 LCD desktop touchmonitor is a cost-saving application that offers affordability and convenience to both new and experienced users, wherever and whenever it is deployed.

Features:

- Available with Surface Acoustic Wave (SAW) Technology for superior display quality (activated with finger or gloved-hand) or Five-wire Resistive Technology (activated with fingers, fingernails, credit cards, gloved or any stylus)
- Sealed stand developed for touch
- Sturdy stand developed for touch
- Removable stand and VESA mounting option
- Mounting holes on stand bottom metal plate for tabletop protection
- Dual serial/ USB interface
- OSD & Power control buttons on the side, for public use
- External power supply
- White for Healthcare

Applications:

- Doctor's office
- Nurse's station
- Bedside
- Patient self-service
- Point-of-Service
- Home control

Specifications

Model	DTL223-R04E-SUCD-S
Display Type	22" Active Matrix TFT LCD, LED Backlight
Case/Bezel Color	White
Stand	Tilt Base, or Removable
Aspect Ratio	16:10
Active Display Area	LCD Panel: 473.76mm(H) × 296.1mm(V)
Native Resolution (Typ.)	1680 × 1050 @ 60 Hz
Other Supported Resolutions	640 × 480 @ 60 / 72 / 75 Hz 640 × 480 @ 67 Hz 720 × 400 @ 70 Hz 800 × 600 @ 56 / 60 / 72 / 75 Hz 832 × 624 @ 75 Hz 1024 × 768 @ 60 / 70 / 75 Hz 1152 × 864 @ 75 Hz 1280 × 960 @ 60 Hz 1280 × 1024 @ 60 / 75 Hz 1440 × 900 @ 60 Hz 1680 × 1050 @ 60 Hz
Pixel Response Time (Typ.)	5 ms
Colors	16.7 million
Brightness (Typ.)	LCD Panel: 250 cd/m ²
Contrast Ratio (Typ.)	1000:1
Viewing Angle (Typ.) (from centre, CR>10)	Horizontal (left/right): 170° (85°/85°) Vertical (up/down): 160° (80°/80°)
Input Video Format	RGB Analog / DVI Video
Input Video Signal Connector	VGA / DVI-D
Input Frequency	Horizontal: 30 to 82 kHz Vertical: 50 to 75 Hz
Touch Technology	Surface Acoustic Wave (SAW) / 5-Wire Resistive
Touch Interface	Dual Serial RS232 / USB
Touch Response Time	SAW: 10.4 ms / 5-Wire Resistive (Max) : 15ms
Speakers	2 W × 2 Channels
On Screen Display (OSD)	Control (side): Menu, Up, Down, Auto, Power
Power Supply	External Adapter: 100-240 VAC, 50-60 Hz Input Voltage Range: +12VDC ±5%
Input Connector	DC: Coaxial power jack (2.5 mm pin diameter, 5.5 mm barrel diameter, 11.5 mm barrel length)
Power Consumption (Max)	25 W
Monitor Dimensions	556mm(W) × 406mm(H) × 233mm(D)
Shipping Carton Dimensions	655mm(W) × 489mm(H) × 323mm(D)
Weight	Monitor/Shipping (Approximately): 11.5 kg / 13.1 kg
Mounting Options	Desktop, VESA Mount 75 mm & 100 mm
Sealing	Touchscreen sealed to bezel Touchscreen sealed to LCD panel
Temperature Range	Operating: 0°C to 40°C (32°F to 104°F) Storage: -20°C to 60°C (-4°F to 140°F)
Relative Humidity	Operating: 20%-80% Storage: 10%-90%
Warranty	3 years LCD panel: 1 year MTBF: 40,000 hours demonstrated (Backlight Lamp Life, Hrs to ½ brightness)
Agency Approvals	FCC, CE, Meets: FCC Part 18 EN60601-1 EN60601-1-2

MTBF (Mean Time Between Failures)

An MTBF measurement is based on a statistical sample and is not intended to predict any one specific unit's reliability; thus MTBF is not, and should not be construed as, a warranty measurement.

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