



DTL153

15" Medical LCD Touchmonitor

GeneralTouch's DTL153 15" 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 DTL153 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 DTL153 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 DTL153 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

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| Model | DTL153-R03E-SU-S |
| Display Type | 15" Active Matrix TFT LCD |
| Case/Bezel Color | White |
| Stand | Tilt Base, or Removable |
| Aspect Ratio | 4:3 |
| Active Display Area | LCD Panel: 304.128mm(H) × 228.096mm(V) |
| Native Resolution (Typ.) | 1024 × 768 @ 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 |
| Pixel Response Time (Typ.) | 8 ms |
| Colors | 16.2 million |
| Brightness (Typ.) | LCD Panel: 250 cd/m ² |
| Contrast Ratio (Typ.) | 500:1 |
| Viewing Angle (Typ.) (from centre, CR>10) | Horizontal (left/right): 150° (75°/75°) Vertical (up/down): 130° (70°/60°) |
| Input Video Format | RGB Analog |
| Input Video Signal Connector | VGA |
| 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) | 2CCFL: 30 W |
| Monitor Dimensions | 354mm(W) × 313mm(H) × 206.5mm(D) |
| Shipping Carton Dimensions | 445mm(W) × 445mm(H) × 300mm(D) |
| Weight | Monitor/Shipping (Approximately): 4.8 kg / 7.1 kg |
| Mounting Options | VESA Mount 75 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: 50,000 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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