



DTL223

22" LCD Touchmonitor

GeneralTouch's DTL223 22" 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

Applications:

- Point-of-Sale (POS)
- Point-of-Service
- Hospitality system
- Gaming/ Amusement
- Light industrial control
- Home control
- Countertop kiosk information systems

Specifications

| | |
|--|---|
| Model | DTL223 |
| Display Type | 22" Active Matrix TFT LCD, LED Backlight |
| Case/Bezel Color | Black |
| 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): 15 ms |
| 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, UL, CCC |

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.

Go to www.generaltouch.com for more products and information, or contact us

GeneralTouch Technology Co., LTD reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products.