



## OTL173 17"

### Open-frame LCD Touchmonitor

## GeneralTouch's OTL173 open-frame LCD touchmonitor

GeneralTouch's OTL 173 open-frame LCD touchmonitor offers a cost-effective touch solution for systems integrators and OEMs, and facilitates those applications in retail, self-service and gaming or amusement markets. The OTL173 features a brilliant wide viewing angle panel which will instantly grab and hold the users' attention, whether they are checking out retail goods with a self-service kiosk or playing in a casino or arcade. As the whole enclosure is designed and manufactured to GeneralTouch's specifications, these open-frame monitors have a long-lasting product cycle life that bring continuity throughout the important phases of a project or an OEM customer design. It also features a unique dustproof or watertight sealing, making it an ideal choice for public and outdoor use.

The versatile OTL173 includes multiple mounting options, narrow borders with compactness, and a dual serial/USB touch interface with agency approvals.

### Features:

- Cost-effective touch monitor solution
- Long lasting product cycle: mechanical parts controlled in house by GeneralTouch so that future upgrades do not bring external size changes
- Supplied with GeneralTouch's patented DustPro, WaterPro or SafeTouch Technologies
- Supplied with customized mounting brackets
- Fast touch response time
- Supplied with Serial or USB touch interface
- Multilingual and detachable On Screen Display (OSD)

### Applications:

- Casino and gaming machines
- Amusement with pricing (AWP)
- Slot machines
- Video lottery machines (VLT)
- Kiosks
- Self-service terminals
- Industrial control

# Specifications

|                                              |                                                                                                                                                                                                                                        |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                        | OTL173                                                                                                                                                                                                                                 |
| Display Type                                 | 17" Active Matrix TFT LCD                                                                                                                                                                                                              |
| Case/Bezel Color                             | Black                                                                                                                                                                                                                                  |
| Stand                                        | No Stand                                                                                                                                                                                                                               |
| Aspect Ratio                                 | 5:4                                                                                                                                                                                                                                    |
| Active Display Area                          | LCD Panel: 337.920mm(H) × 270.336mm(V)                                                                                                                                                                                                 |
| Native Resolution (Typ.)                     | 1280 × 1024 @ 60 Hz                                                                                                                                                                                                                    |
| Other Supported Resolutions                  | 640 × 480 @ 60 / 72 / 75 Hz<br>640 × 480 @ 67 Hz<br>720 × 400 @ 70 Hz<br>800 × 600 @ 56 / 60 / 72 / 75 Hz<br>832 × 624 @ 75 Hz<br>1024 × 768 @ 60 / 70 / 75 Hz<br>1152 × 864 @ 75 Hz<br>1280 × 960 @ 60 Hz<br>1280 × 1024 @ 60 / 75 Hz |
| Pixel Response Time (Typ.)                   | 5 ms                                                                                                                                                                                                                                   |
| Colors                                       | 16.7 million                                                                                                                                                                                                                           |
| Brightness (Typ.)                            | LCD Panel: 250 cd/m <sup>2</sup>                                                                                                                                                                                                       |
| Contrast Ratio (Typ.)                        | 1000:1                                                                                                                                                                                                                                 |
| Viewing Angle (Typ.)<br>(from centre, CR>10) | Horizontal (left/right): 160° (80°/80°)<br>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<br>Vertical: 50 to 75 Hz                                                                                                                                                                                      |
| Touch Technology                             | Surface Acoustic Wave (SAW)                                                                                                                                                                                                            |
| Touch Interface                              | Dual Serial RS232 / USB                                                                                                                                                                                                                |
| Touch Response Time                          | SAW: 10.4 ms                                                                                                                                                                                                                           |
| On Screen Display (OSD)                      | Control (back): Menu, Up, Down, Auto, Power                                                                                                                                                                                            |
| Power Supply                                 | External Adapter: 100-240 VAC, 50-60 Hz<br>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                           | Dust-proof (Standard):<br>383.5mm(W) × 315.5mm(H) × 45mm(D)<br>Water-proof (Optional):<br>390mm(W) × 322mm(H) × 47mm(D)                                                                                                                |
| Shipping Carton Dimensions                   | 530mm(W) × 460mm(H) × 195mm(D)                                                                                                                                                                                                         |
| Weight                                       | Monitor/Shipping (Approximately):<br>6. 5kg / 10 kg                                                                                                                                                                                    |
| Mounting Options                             | Rear Mount, Side Mount, VESA Mount 75 mm & 100 mm                                                                                                                                                                                      |
| Sealing                                      | Touchscreen sealed to bezel<br>Touchscreen sealed to LCD panel                                                                                                                                                                         |
| Temperature Range                            | Operating: 0°C to 40°C (32°F to 104°F)<br>Storage: -20°C to 60°C (-4°F to 140°F)                                                                                                                                                       |
| Relative Humidity<br>(Non Condensing)        | Operating: 20%-80%<br>Storage: 10%-90%                                                                                                                                                                                                 |
| Warranty                                     | 3 years<br>LCD panel: 1 year<br>MTBF: 50,000 hours demonstrated<br>(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.

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