



OTL424 42"

Open-frame LCD Touchmonitor

GeneralTouch's OTL424 open-frame LCD touchmonitor

GeneralTouch's OTL424 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 OTL424 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 OTL424 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	OTL424
Display Type	42" Active Matrix TFT LCD
Case/Bezel Color	Black
Stand	No Stand
Aspect Ratio	16:9
Active Display Area	LCD Panel: 930. 24mm(H) × 523. 26mm(V)
Native Resolution (Typ.)	1920 × 1080 @ 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 1280 × 720 @ 60Hz 1280 × 1024 @ 60 Hz 1360 × 768 @ 60 Hz 1600 × 900 @ 60 Hz 1680 × 1050 @ 60 Hz 1920 × 1080 @ 60 Hz
Pixel Response Time (Typ.)	6. 5 ms
Colors	16.7 million
Brightness (Typ.)	LCD Panel: 400 cd/m ²
Contrast Ratio (Typ.)	4000:1
Viewing Angle (Typ.) (from centre, CR>10)	Horizontal (left/right): 178° (89°/89°) Vertical (up/down): 178° (89°/89°)
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)
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 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: 160 W
Monitor Dimensions	1020mm(W) × 613mm(H) × 133. 6mm(D) 1188mm(W) × 744mm(H) × 271mm(D)
Weight	Monitor/Shipping (Approximately): 30. 9 kg / 38. 9 kg
Mounting Options	Rear Mount, Side Mount, VESA Mount 600×400 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 (Non Condensing)	Operating: 20%-80% Storage: 10%-90%
Warranty	1 years LCD panel: 1 year MTBF: 50,000 hours demonstrated (Backlight Lamp Life, Hrs to ½ brightness)
Agency Approvals	FCC, CE

MTBF (Mean Time Between Failures)

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