

32 Inch

LED-Framed Touchmonitor

OTL32H



The LED-Framed touchmonitor dazzles with ambient lighting effects on the front and/or back of its sides. The color, style, and rhythm of the lights can be used as adornments, alerts, attractions, flags, indicators or fanfare that will surely boost the interactive functions of a touch display for both the users and operators.

To match different design styles, General Touch offers various LED light strip designs, including Front design with LED lights visible from the front, Edge design and Halo design with LED lights visible from the front and sides. The rear of the LED-Framed monitor has multiple design options too, such as rear-fire LED strips on four sides, U-shaped strips on three sides, or two parallel strips on the short or long edges. These combinations offer a wide variety of style and luster.

The GT LED-Framed touchmonitor stands out with their exceptional lighting effects, featuring no hot spots, dark spots, and dark corners, and ensuring a high level of uniformity with finely crafted, well-sealed, and free from LED light leakage. To facilitate customer control over the LEDs, GT provides protocols and controllers for customers to choose from. The LED controllers can be embedded or external, and it also supports customer-supplied controllers. The lighting effects offer dozens of standard modes and can be customized to meet specific customer requirements.

LED-Framed touchmonitors have been widely used in various scenes and domains, including gaming, kiosks, entertainment, EV chargers, meetings, and way-finding. The landscape, portrait, and VESA mounting options allow for quick and convenient integration with different environments, fulfilling customers' demands for high-quality dual interaction experiences.



Gaming



Kiosk



Vending
Machine

- LED-Framed, Mini-Halo design
- No hot spot, dark spot, dark corner, high level uniformity
- PCAP powered by General Touch, quality assurance
- Metal frame, precisely and finely crafted
- Well sealed, non LED light leakage
- True flat, Closed Frame, compatible with various application

SPECIFICATIONS

| | | |
|----------------------------|---|--|
| Product Name | 32 Inch LED-Framed Touchmonitor | |
| Model | OTL32H | |
| LCD Panel Parameters | | |
| Display Technology | Active Matrix TFT-LCD with LED Backlight | |
| Aspect Ratio | 16:9 | |
| Active Area (W x H) | 698.40mm × 392.85mm | |
| Native Resolution | 1920 × 1080 @ 60Hz | |
| Response Time (Typ.) | 8ms | |
| Display Colors | 16.7M | |
| Luminance (Typ.) | 400nits | |
| Contrast Ratio (Typ.) | 1200:1 | |
| Viewing Angle (Typ.) | Horizontal: CR≥10 89°/89° Vertical: CR≥10 89°/89° | |
| Touch Screen Parameters | | |
| Touch Technology | PCAP | |
| Surface Treatment | Tempered, Optional: Anti-Glare | |
| Thickness (Total) | 4.3mm | |
| Light Transmission | ≥ 83% | |
| Response Time (Typ.) | 10ms | |
| Touch Screen Interface | USB | |
| Touch Point | 10 | |
| Overall Parameters | | |
| Case/Bezel Color | Black | |
| Mounting Options | Back mounting (see sales drawing for details) | |
| Outline Dimensions (W×H×D) | 743.0mm × 441.8mm × 58.0mm | |
| Power Supply | Input Voltage Range: Monitor: +24 VDC ± 5%, 4 PIN plug or 6 PIN mating Molex 3901-2060 Optional LED controller (External): +12VDC ± 5%, Coaxial power jack 2.5mm pin outer diameter | |
| On Screen Display (OSD) | Control (Back): Power, Auto, Up, Down, Menu | |
| Power Consumption (Max.) | 80W (Monitor with RGB LED Lights) | |
| Operating Altitude | ≤ 3000m | |
| Temperature Range | Operating: 0°C to 40°C, storage: -20°C to 60°C | |
| Humidity (Non Condensing) | Operating: 20% to 80%, storage: 10% to 90% | |
| I/O | HDMI, DP, USB (Type B) | |
| Accessories | Cables: USB × 1, 1.5m Length | |

| | |
|---------------------------|--|
| Carton Box Dimensions | 905mm (L) × 255mm (W) × 610mm (H), 2 units in one carton |
| Weight | Net: 13.5kg, Gross: 30kg |
| MTBF | 50,000 hours demonstrated |
| LED Lights Color | Multicolor |
| LED Lights Location | 4 LED lights bar (Mini-Halo) |
| LED Controller (External) | Optional |
| Agency Approvals | CE, FCC, UKCA, UL |
| Warranty | 3 years |

| Ordering Information | | |
|--------------------------|--------------|---|
| Model | Part Number | Description |
| OTL32H-LC5000-UD4F40-1.0 | 10202010641L | 32", FHD, 16:9, 400nits, PCAP, USB, HDMI/DP, 4 LED lights bar (Mini-Halo) |

| Optional Accessories | | |
|----------------------|--------------|--|
| Model | Part Number | Description |
| HDMI Cable | 30302030001R | HDMI Cable A Male-A Male 1500mm |
| DP Cable | 30302010001R | DP Cable Male-Male 1500mm |
| LED Controller Kit | 20701040010R | 12V / 50W Addressable LED Controller Kit |
| Adapter | 30207010024R | Power Adapter 24V / 150W / 4Pin / 1200mm |
| Power Cable | 30301010018R | UK |
| | 30301010011R | EU |
| | 30301010010R | US |

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