

10 Inch

Panel Mount Touchmonitor

PTL103



Panel Mount has been a mainstay in some circles that need to minimize manpower overheads during installation and to enhance maintenance efficiency throughout the operation. In order to fulfill this need, GT has designed the panel mount touchmonitor that only requires small brackets with fastening screws for quick and easy mounting onto an enclosure.

For operating in harsher environments, GT's Panel Mount touchmonitors utilize Aluminum alloy front frame which makes the unit impervious to dust, moisture, vibrations and wide temperature fluctuations. Furthermore, the front of this touchmonitor is rated of IP65 (front surface) and IK07. The touchscreen can also be operated with gloved fingers which is useful in certain environments such as factories. Other stringent requirements like wide-range operating temperature (-20~60°C) and wide DC input range (9V~36V) could be opted for some display model.

General Touch meticulously produces its own touchmonitors that are comprehensively tested. Hence, its products facilitate 24/7 and maintenance-free operation. The GT Panel Mount touchmonitors are well suited for: factory automation, Retail, Kiosk, Smart warehouse, transportation, bank services and the like.



Banking Service



Kiosk



Retail



Factory Automation



Smart Warehouse



Transportation

- Aluminum alloy brushing front frame
- Panel Mount & VESA installation method
- Front IP65 and IK07 tested
- Industrial-grade raw materials, better for industry
- Touch operable with gloves powered by General Touch
- -20°C ~ +60°C wide range operating temperature
- Available size range of 10.1", 15"
- 15.6" and 21.5" coming soon

SPECIFICATIONS

| | |
|--------------------------------|--|
| Name | 10 Inch Panel Mount Touchmonitor |
| Model | PTL103 |
| LCD Panel Parameters | |
| Display Technology | Active Matrix TFT-LCD With LED Backlight |
| Aspect Ratio | 16:10 |
| Active Area (W x H) | 216.96mm × 135.6mm |
| Native Resolution | 1280×800@60Hz |
| Response Time (Typ.) | 30ms |
| Display Colors | 16.2million |
| Luminance (Typ.) | 400nits, with PCAP 332nits |
| Contrast Ratio (Typ.) | 900:1 |
| Viewing Angle (Typ.) | Horizontal (Left/Right) CR≥10 85°/85° Vertical (Up/Down) CR≥10 85°/85° |
| Touch Screen Parameters | |
| Touch Technology | PCAP |
| Surface Treatment | Strengthened Optional: Anti-Glare |
| Active Area(W x H) | 218mm × 136.6mm ± 0.3mm |
| Thickness(Total) | 3.4mm ± 0.3mm |
| Light Transmission | ≥85% |
| Response Time | 10ms |
| Touch Screen Interface | USB |
| Touch Point | 10 |
| Overall Parameters | |
| Case/Bezel Color | Black |
| Mounting Options | VESA: 75mm × 75mm, Panel Mounting |
| Outline Dimensions (W×H×D) | 286.2mm × 204.8mm × 54.2mm |
| Power Supply | Input Voltage Range: +12V DC ± 5%, Coaxial power jack 2.5mm pin outer diameter |
| On Screen Display (OSD) | Control (Back): Power, Auto, Up, Down, Menu |
| Power Consumption | MAX: 7W |
| Speaker | Optional |
| IP Level | IP65 Front Surface |

| | |
|---------------------------|--|
| Operating Altitude | ≤3000m |
| Temperature Range | Operating: -20°C to 60°C, Storage: -20°C to 70°C |
| Humidity (Non Condensing) | Operating: 20% to 80%, Storage: 10% to 90% |
| I/O | VGA, HDMI, USB (Type B, For Touch) |
| Accessories | Cables: VGA×1, USB×1, 1.5m Length, Clamps ×8 |
| Carton Box Dimensions | 367mm (L) × 340mm (W) × 320mm (H), 2 units in one carton |
| Weight | Net: TBD, Gross: TBD |
| MTBF | 50,000 hours demonstrated |
| Agency Approvals | CCC, CE, FCC |
| Warranty | 3 years |

Ordering Information

| Model | Part Number | Description |
|--------------------------|--------------|---|
| PTL103-RC4W00-UH4A00-1.0 | 10202010547R | 10", 16:10, 400nits, PCAP, USB-B, VGA & HDMI, Black, IP65 Front Surface |

Contact sales for other options

Optional Accessories

| Model | Part Number | Description |
|-------------|--------------|--|
| Adapter | 30207010005R | 12V/4.17A, DC Cable: 1500mm, DC barrel plug 2.5mm pin inner diameter |
| | 30301010018R | UK |
| Power Cable | 30301010011R | EU 1500mm |
| | 30301010010R | US |
| HDMI Cable | 30302030001R | 1500mm |

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