Request information

21.5 Inch

Panel Mount Touchmonitor

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℃) 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 Warehose
- Transportation

Features & Benefits

- Aluminum alloy brushing front frame
- Industrial-grade raw materials, better for industry
- Touch operable with gloves powered by GeneralTouch
- Panel Mount & VESA installation method
- Front IP65 and IK07 tested
- Available size range from 10.1" to 21.5"

SPECIFICATIONS

Name	21.5 Inch Panel Mount Touchmonitor
Model	PTL223
LCD Panel Parameters	
Display Technology	Active Matrix TFT-LCD With LED Backlight
Aspect Ratio	16:9
Active Area (W x H)	476.64mm × 268.11mm
Native Resolution	1920×1080@60Hz
Response Time (Typ.)	18ms
Display Colors	16.7million
Luminance (Typ.)	250nits, with PCAP 207nits
Contrast Ratio (Typ.)	3000:1
Viewing Angle (Typ.)	Horizontal (Left/Right) CR≥10 89°/89° Vertical (Up/Down) CR≥10 89°/89°
Touch Screen Parameters	
Touch Technology	PCAP
Cover Glass Treatment	Strengthened
Cover Glass Surface Treatment	Optional: Anti-Glare
Impact Resistance Level	IK07
Active Area(W x H)	478mm × 269.6mm±0.3mm
Thickness(Total)	4.4mm±0.3mm
Light Transmission	≥83%
Response Time	10ms
Touch Screen Interface	USB
Touch Point	10
Overall Parameters	
Case/Bezel Color	Black
Mounting Options	VESA: 75mm × 75mm, 100mm × 100mm, Panel Mount
Outline Dimensions（W×H×D）	559.7mm × 353.8mm × 55.7mm
Power Supply	Input Voltage Range: +12VDC ± 5%, Coaxial power jack 2.5mm pin outer diameter
On Screen Display (OSD)	Control (Back): Power, Auto, Up, Down, Menu
Power Consumption	MAX: 24W
Speaker	Optional

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IP Level	Front Panel IP65
Operating Altitude	≤3000m
Temperature Range	Operating: 0℃ to 40℃, Storage: -20℃ to 60℃
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 × 14
Carton Box Dimensions	660mm (L) × 480mm (W) × 193mm (H), 1 units in one carton
Weight	Net: TBD, Gross: TBD
MTBF	50,000 hours demonstrated
Agency Approvals	CCC, CE, FCC, UKCA
Warranty	3 years

Ordering Information

Model	Part Number	Description
PTL223-RC5W00-UH2200-2.0	10202010708R	21.5", 16:9, 250nits, P-Cap, USB, VGA & HDMI, Black, IP65 Front

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	
Power Cable	30301010018R	UK	
	30301010011R	EU	1500mm
	30301010010R	US	
HDMI Cable	30302030001R		1500mm

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