

21.5 Inch

Closed Frame Touchmonitor



General Touch has developed a wide range of closed frame touchmonitors with FHD/4K resolutions and sizes from 10.1 to 55 inches. Catering to those who seek premium touch solutions with top-tier displays, its standard closed frame design offers flexibility with standalone or floating-mount options on top of the usual variety of other installation preferences. The above 1.1mm robust cover glass has undergone rigorous testing, complying with IK07 ball-drop requirements to ensure durability when deployed in public environments. With useful features including analog and digital interfaces, and multi-lingual, this touchmonitor offers users a comprehensive and user-friendly experience.

Industrial-grade components are used to ensure long-term product viability and availability. The physical structure utilizes various materials such as aluminum, sheet metal, and plastic that consummates into a sound, enduring and stylish construct. Designed with touch functionality at its core, GT's masterful innovation and production expertise guarantees a well-integrated contraption with energy saving and lower heat generation. The result is a solid and energy-efficient touchmonitor with sleek contours that will complement well with the latest kiosk designs for retail, self-service, gaming, transportation, and other commercial applications.



Gaming



Kiosk



Vending Machine



Industrial Automation

- Closed frame, with Industry quality and long lifespan
- General Touch PCAP technology, quality assurance
- 4K resolution for large size and others FHD or HD
- Full range size from 10.1 inch to 55 inch, one stop for you
- Industrial-grade raw materials, better for industry
- VESA mounting
- Optical bonding
- HDMI/USB-A, multiple interfaces
- Anti-scratches, and pass UL Ball Drop test & IK07

SPECIFICATIONS

Name	21.5 Inch Closed Frame Touchmonitor	
Model	OBL228	
LCD Panel Parameters		
Display Technology	Active Matrix TFT-LCD With LED Backlight	
Aspect Ratio	16:9	
Active Area (W x H)	476.064mm × 267.786mm	
Native Resolution	1920 × 1080 @ 60Hz	
Response Time (Typ.)	18ms	
Display Colors	16.7million	
Luminance (Typ.)	250nits, with PCAP 210nits	
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	Anti-Glare	
Impact resistance Level	IK07	
Active Area(W x H)	477.0mm × 268.6mm ± 0.3mm	
Thickness(Total)	2.6mm ± 0.2mm	
Light Transmission	≥83%	
Response Time	10ms	
Touch Screen Interface	USB-A	
Touch Point	10	
Overall Parameters		
Case/Bezel Color	Black, White(Optional)	
Mounting Options	VESA: 75mm × 75mm, 100mm × 100mm	
Outline Dimensions (W×H×D)	505.2mm × 296.8mm × 36.8mm	
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: 20W	
Speaker	2*2W	2

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, USB (Type A, For Touch), MIRCO USB×4
Accessories	Cables: USB×1, 1.5m Length
Carton Box Dimensions	630mm (L) × 250mm (W) × 430mm (H), 2 units in one carton
Weight	Net: 4.56Kg, Gross: 12.62Kg
MTBF	50,000 hours demonstrated
Agency Approvals	CCC, CE, FCC, UKCA
Warranty	3 years

Ordering Information

Model	Part Number	Description
OBL228-RC30A0-UH2F0S-3.0	10202010520R	21.5", 16:9, 250nits, PCAP, USB, HDMI, Black

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

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