23.6 Inch

Curved Touchmonitor

OTC245

The novelty of curved touchmonitors brings an air of mystique to the display market. When LED-Framed lights are added, it easily becomes the prima donna of touch displays. General Touch mass produces these curved beauties in-house and they come in C, J or S curve-types with the classic curvature radius of R1500 in sizes ranging from 23.6 to 55 inches. To date, the 55 inch J-type has attained a breakthrough curvature radius of R800.

The large-sized 43-55 inch portrait curved touch screen provides an immersive and expansive user experience from top to bottom in diverse gaming and interactive scenarios. The medium-sized 23.6-32 inch landscape curved touch screen design is based on user-centered ergonomics, reducing fatigue in the human-computer interaction process, allowing users to play longer, fuller and happier.

General Touch offers both the Open Frame and Closed Frame curved displays. For a flushing appearance when integrated into a cabinet, the Open Frame is the straightforward choice. The Closed Frame allows the display to float on the surface of the cabinet though VESA and hinge mounting options, adding a tinge look of sophistication. When combined with Halo/Edge/Front LED-Framed lights, the curved display looks like it is dancing rhythmically. If a Closed Frame is in floating mount, adding rear LED lights would produce a silhouette effect.

- Gaming
- Kiosk
- Vending Machine

Features & Benefits

- Curved shape, C design, unique and interactive motivation
- Landscape curved, open frame, compatible with various application
- PCAP powered by General Touch, quality assurance

SPECIFICATIONS

Product Name	23.6 Inch Curved Touchmonitor
Model	OTC245
LCD Panel Parameters	
Display Technology	Active Matrix TFT-LCD with LED Backlight
Aspect Ratio	16:9
Active Area (W x H)	521.40mm × 293.28mm
Native Resolution	1920 × 1080 @ 60Hz
Response Time (Typ.)	20ms
Display Colors	16.7M
Luminance (Typ.)	300nits
Contrast Ratio (Typ.)	3000:1
Viewing Angle (Typ.)	Horizontal: CR≥10 89°/89° Vertical: CR≥10 89°/89°
Touch Screen Parameters	
Touch Technology	PCAP
Surface Treatment	Tempered
Thickness (Total)	4.5mm
Light Transmission	≥ 83%
Response Time (Typ.)	10ms
Touch Screen Interface	USB
Touch Point	10
Overall Parameters	
Case/Bezel Color	Gray
Mounting Options	VESA: 100mm × 100mm, 75mm × 75mm Side mounting, see sales drawing for details
Outline Dimensions (W×H×D)	564.0mm × 335.2mm × 64.3mm, curvature radius 1493.5mm
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.)	36W
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	HDMI, DP, USB (Type B)
Accessories	Cables: USB × 1, 1.5m Length

Carton Box Dimensions	695mm (L) × 245mm (W) × 475mm (H), 1 unit in one carton
Weight	Net: 6.6kg, Gross: 9.6kg
MTBF	50,000 hours demonstrated
Agency Approvals	CE, FCC
Warranty	1 year

Ordering Information

Model	Part Number	Description
OTC245-RC5000-UD3200-1.0	10202020068R	23.6" "C type", landscape curved, FHD, 16:9, 300nits, PCAP, USB, HDMI/DP, open frame

Optional Accessories

Model	Part Number	Description
HDMI Cable	30302030001R	HDMI Cable Male-Male 1500 mm
DP Cable	30302010001R	DP Cable Male-Male 1500 mm
Adapter	30207010005R	Power Adapter 12V / 50W / 2.5mm / 1500mm
Power Cable	30301010018R 30301010011R 30301010010R	UK EU 1500mm US

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