Request information

55 Inch

Curved Touchmonitor

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
- 4K resolution
- Closed frame, compatible with various application

SPECIFICATIONS

Product Name	55 Inch Curved Touchmonitor
Model	OTC555
LCD Panel Parameters	
Display Technology	Active Matrix TFT-LCD with LED Backlight
Aspect Ratio	16:9
Active Area (W x H)	1209.6mm × 680.4mm
Native Resolution	3840 × 2160 @ 60Hz
Response Time (Typ.)	8ms
Display Colors	1.07G
Luminance (Typ.)	500nits
Contrast Ratio (Typ.)	1300:1
Viewing Angle (Typ.)	Horizontal: CR≥10 89°/89° Vertical: CR≥10 89°/89°
Touch Screen Parameters	
Touch Technology	PCAP
Cover Glass Treatment	Strengthened
Impact Resistance Level	IK07
Thickness (Total)	4.5mm
Light Transmission	≥ 83%
Response Time (Typ.)	10ms
Touch Screen Interface	USB
Touch Point	10
Overall Parameters	
Case/Bezel Color	Black
Mounting Options	VESA: 600mm × 400mm
Outline Dimensions (W×H×D)	736.4mm × 1231.9mm × 195.1mm, curvature radius 1494.0mm
Power Supply	Input Voltage Range: +24 VDC ± 5%, 4 PIN plug or 6 PIN mating Molex 3901-2060
On Screen Display (OSD)	Control (External): Power, Auto, Up, Down, Menu
Power Consumption (Max.)	150W
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, HDMI, DP, USB (Type B)
Accessories	Optional

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

Ordering Information

Model	Part Number	Description
OTC555-LC5000-UD5400-1.0	10202020166L	55” “C type”, 1500R, UHD, 16:9, 500nits, PCAP, USB, HDMI/HDMI/DP

Optional Accessories

Model	Part Number	Description
USB Cable	30302050006R	USB Cable A Male-B Male 1500mm
HDMI Cable	30302030001R	HDMI Cable Male-Male 1500 mm
DP Cable	30302010001R	DP Cable Male-Male 1500 mm
Adaptor	30207010024R	Power Adapter 24 V / 150 W / 4 Pin / 1200 mm
Power Cable	30301010018R 30301010011R 30301010010R	UK EU 1500mm US

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