23.6 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

- 3 sides LED framed, no hot spot, no dark spot, no dark corner, high level uniformity

- PCAP powered by General Touch, quality assurance

- Landscape curved, open frame, compatible with various application

SPECIFICATIONS

Product Name	23.6 Inch Curved Touchmonitor
Model	OTC247
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
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	Gray
Mounting Options	VESA: 100mm × 100mm, 75mm × 75mm Side mounting, see drawing for details
Outline Dimensions (W×H×D)	602.0mm × 369.8mm × 66.8mm, curvature radius 1493mm
Power Supply	Input Voltage Range: Monitor: +12VDC ± 5%, Coaxial power jack 2.5mm pin outer diameter RGB LED Lights: +5VDC ± 5%, mating Molex 43025-0600 Optional LED controller (External): +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 (Monitor without RGB LED Lights) 15W (RGB LED Lights)
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	Optional

Carton Box Dimensions	695mm (L) × 245mm (W) × 475mm (H), 1 unit in one carton
Weight	Net: 7.8kg, Gross: 9.8kg
MTBF	50,000 hours demonstrated
LED Lights Color	Multicolor
LED Lights Location	3 LED lights bar (Front, Edge)
LED Controller (External)	Optional
Agency Approvals	CE, FCC, UKCA
Warranty	1 year

Ordering Information		
Model	Part Number	Description
OTC247-RC5000-UD3230-1.0	10202020069R	23.6" "C type", landscape curved, FHD, 16:9, 300nits, PCAP, USB, HDMI/DP, open frame, 3 LED lights bar (Front, Edge)

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
Adapter	30207010005R	Power Adapter 12V / 50W / 2.5mm / 1500mm
Power Cable	30301010018R 30301010011R 30301010010R	UK EU 1500mm US
LED Controller Kit	20701040007R	5V / 30W Addressable LED Controller Kit

Note: Includes a 1000mm LED strip cable.
If you want to design the LED strip cable according to your application, please adopt the unshielded and non-twisted wires. The length should be no more than 2m, and the wire diameter should be more than 20AWG.
Please feel free to contact us if you need assistance.