49 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, J design, unique and interactive motivation
- LED-Framed, Edge design, no hot spot, no dark spot, no dark corner, high level uniformity
- Narrow black border, 4 sides 19.5mm
- 4K resolution
- Plastic back cover, light and cost saving
- Edge to Edge, easy to maintain
- Closed frame, compatible with various application

SPECIFICATIONS

Product Name	49 Inch Curved Touchmonitor
Model	OTJ497
LCD Panel Parameters	
Display Technology	Active Matrix TFT-LCD with LED Backlight
Aspect Ratio	16:9
Active Area (W x H)	1073.78mm × 604.00mm
Native Resolution	3840 × 2160 @ 60Hz
Response Time (Typ.)	14ms
Display Colors	1.07G
Luminance (Typ.)	550nits
Contrast Ratio (Typ.)	2000:1
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)	660.0mm × 1121.9mm × 160.1mm, curvature radius 1494.0mm
Power Supply	Input Voltage Range: Monitor: +24 VDC ± 5%, 4 PIN plug or 6 PIN mating Molex 3901-2060 RGB LED Lights: +12VDC ± 5%, mating Molex 43025-0600 Optional LED controller (External): +12VDC ± 5%, Coaxial power jack 2.5mm pin outer diameter
On Screen Display (OSD)	Control (External): Power, Auto, Up, Down, Menu
Power Consumption (Max.)	110W (Monitor without RGB LED Lights) 46W (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, HDMI, DP, USB (Type B)
Accessories	Optional

Carton Box Dimensions	1300mm (L) × 280mm (W) × 835mm (H), 1 unit in one carton
Weight	Net: 28kg, Gross: 35kg
MTBF	50,000 hours demonstrated
LED Lights Color	Multicolor
LED Lights Location	4 LED lights bar (Front & Edge)
LED Controller (External)	Optional
Agency Approvals	CE, FCC, UKCA, UL
Warranty	1 year

Ordering Information

Model	Part Number	Description
OTJ497-LC5000-UD5440-1.0	10202020128L	49" "J type", UHD, 16:9, 550nits, PCAP, USB, HDMI/HDMI/DP, LED lights, 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
LED Controller Kit	20701040010R	12 V / 50 W 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.		
Adaptor	30207010024R	Power Adapter 24 V / 150 W / 4 Pin / 1200 mm
Power Cable	30301010018R 30301010011R 30301010010R	UK EU 1500mm US