

**50 Inch****Curved Touchmonitor****OTJ505**

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**

- Curved shape, J design, unique and interactive motivation
- 4K resolution
- PCAP powered by General Touch, quality assurance
- Plastic back cover, light and cost saving
- Closed frame, compatible with various application

## SPECIFICATIONS

|                            |  |  |
|----------------------------|--|--|
| Product Name               | 50 Inch Curved Touchmonitor  |  |
| Model                      | OTJ505   |  |
| LCD Panel Parameters       |  |  |
| Display Technology         | Active Matrix TFT-LCD with LED Backlight   |  |
| Aspect Ratio               | 16:9   |  |
| Active Area (W x H)        | 1095.84mm × 616.41mm   |  |
| Native Resolution          | 3840 × 2160 @ 60Hz   |  |
| Response Time (Typ.)       | 8ms  |  |
| Display Colors             | 1.07B  |  |
| Luminance (Typ.)           | 500nits  |  |
| Contrast Ratio (Typ.)      | 4000:1   |  |
| 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           | Black  |  |
| Mounting Options           | VESA: 600mm × 400mm  |  |
| Outline Dimensions (W×H×D) | 670.0mm × 1144.0mm × 167.5mm, curvature radius 1493.2mm                          |  |
| Power Supply               | Input Voltage Range:<br>+24 VDC ± 5%, 4 PIN plug or 6 PIN mating Molex 3901-2060 |  |
| On Screen Display (OSD)    | Control (Back): Power, Auto, Up, Down, Menu                                      |  |
| Power Consumption (Max.)   | 130W   |  |
| 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                        | DVI, HDMI, DP, USB (Type B)  |  |
| Accessories                | Cables: USB × 1, 1.5m Length   |  |

|                       |  |
|-----------------------|--|
| Carton Box Dimensions | 1269mm (L) × 306mm (W) × 824mm (H), 1 unit in one carton |
| Weight                | Net: 29kg, Gross: 36kg                                   |
| MTBF                  | 50,000 hours demonstrated                                |
| Agency Approvals      | CE, FCC  |
| Warranty              | 1 year   |

| Ordering Information     |              |  |
|--------------------------|--------------|--|
| Model                    | Part Number  | Description  |
| OTJ505-RC5000-UD5400-2.0 | 10202020023R | 50" "J type", UHD, 16:9, 500nits, PCAP, USB, HDMI/DVI/DP |

| Optional Accessories |              |  |
|----------------------|--------------|--|
| Model                | Part Number  | Description                                  |
| DVI Cable            | 30302020002R | DVI Cable Male-Male 18+1 1500 mm             |
| 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 | UK   |
|                      | 30301010011R | EU 1500mm                                    |
|                      | 30301010010R | US   |

Go to [www.generaltouch.com](http://www.generaltouch.com) for more products and information, or contact us.

General Touch Co., Ltd. reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products.

Tel: 0086-28-85124120

Fax: 0086-28-85124115

E-mail: [info@generaltouch.com](mailto:info@generaltouch.com)

<http://www.generaltouch.com>