

# TDD-TTD-OL550

## 55" **Transparent** OLED Touch Displays



### Overview

The **TDD** Transparent OLED Signage combines high transparency (43%), vivid colors, and a sleek, protective design, enabling seamless integration into spaces with flexible installation options and 30-55" sizes. It enhances creativity and communication by overlaying vibrant content on transparent screens, blending naturally into any environment.

### Features

- **High transparency:** achieves 43% transparency, displaying objects behind it while overlaying information.
- **Protective tempered glass:** 5mm glass front protects the display from scratches, impact, and shattered glass injuries.
- **Sleek21 elegance in transparency:** offers sleek design and seamless integration into any space.

### Specifications

#### Panel

Diagonal Size	55"(16:9), 139.7cm, OLED, AM-OLED
Active Area (mm)	1209.6 mm x 680.4 mm
Resolution	1920 x 1080
Viewing Angle	Horizontal: 60° or 120° total / Vertical: 60° or 120° total
Number of Colors	10 bit (R), 1.07 Billion Colors
Brightness (typical)	600 nits
Response Time-total	0.1 ms (G to G), 8 ms (MPRT)
Contrast Ratio	200000:1
Input Video Frequency	120 Hz
Transparency (Typ.)	43% (Set)
Portrait / Landscape	Yes

#### Touch

Touch Technology	PCAP (Projected Capacitive) - 10 Touch Capacity
Surface Treatment	Water, Dust & Vandal proof; <b>Optional:</b> Anti-glare, Anti-fingerprint, Anti-smudge, Anti-bacterial
Supported OS	Windows / Android / Linux / Mac

#### Interfaces / Connectors / Controls

Video Interfaces	HDMI x2 / Display Port x1 (opt.) / USB x1 for Touch; HDCP: Yes
Connectors & Controls	Audio Mini jack x1 / DC x1

<b>Power</b>	Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 45/120W typ/max., 2W sleep, 0.5W off
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<b>Mechanical</b>	Product Dimensions: 1221.5 x 699.4 x N/A mm / Weight (Unpacked / Packed): N/A kg Box Dimensions: N/A mm / VESA Mounting: NA
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<b>Environmental</b>	Operating / Storage Temperature: -10°C to 50°C / -20°C to 60°C
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<b>Accessories</b>	Power adapter / cable, HDMI / Touch USB cable, Control Box x1
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<b>Others</b>	MTBF / Warranty / Enclosure Color: 50,000 hours demonstrated / 1-year / N/A
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\* **TDD** ([www.tddtouch.com](http://www.tddtouch.com), [sales@tddtouch.com](mailto:sales@tddtouch.com)) reserves the right to change specifications without prior notice.