

TDD-OFTD-550HO

55" **Outdoor** Open Frame (Rear Mount) PCAP Touch Displays



Overview

The **TDD Touch Monitors** include **Standard, Industrial (Open Frame Bezel-free | Rear Mount, Panel Mount, Closed Frame), Outdoor, Waterproof, Stainless Steel, Marine, Curved, Desktop POS, Commercial Displays, Medical and Custom** types, delivers an industrial, reliable and cost-effective solution with outstanding image clarity & accurate touch response for OEMs & systems integrators. 7-98" sizes with rugged bezel, flat structure, high durability and versatility for Kiosks applications from Self-service, Automated Parking, Industrial Automation, Outdoor Control, Healthcare to Gaming.

Features

- PCAP touch **thru 5mm AG, UV Filter** tempered glass with anti-mist **Optical Bonding** (Wacker gel)
- Embedded design with **wide temperature TFT panel** rated up to 105 °C, **auto-dimmer, low noise smart fans**
- IP65 (front) for water and **Dust Protection**, with mounting holes on all four sides for flexible mounting

Specifications

Panel

Diagonal Size	55"(16:9), 139.7cm, Active matrix TFT LCD (LED)
Active Area (mm)	1209.6 mm x 680.4 mm
Resolution	3840 x 2160
Viewing Angle	Horizontal: 89° or 178° total / Vertical: 89° or 178° total
Number of Colors	16.7 million
Brightness (typical)	2000-2500 nits
Response Time-total	8 (Typ.)(G to G) ms
Contrast Ratio	1200:1
Input Video Frequency	Horizontal: 30 - 60 KHz / Vertical: 50 - 75 Hz

Touch

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

Interfaces / Connectors / Controls

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

Power

Supply / Consumption: 90-264 VAC +/- 5%; 300W typical, 1.5W sleep, 0.5W off

Mechanical

(Subject to change)

Product Dimensions: 1286.2 x 757.1 x 85mm / Weight (Unpacked / Packed): 45 / 55 kg
Box Dimensions: 1490 x 210 x 960mm / Mounting: with mounting holes for flush mounting

Environmental

Operating / Storage Temperature: **-20°C to 70°C** / -30°C to 80°C

Accessories

Power adapter / cable, HDMI / VGA / Touch USB cable

Others

MTBF / Warranty / Enclosure Color: 50,000 hours demonstrated / 1-year / black
Ready for Use: 24/7, **panel surface treatment: Haze 3%**

* TDD (www.tddtouch.com, sales@tddtouch.com) reserves the right to change specifications without prior notice.