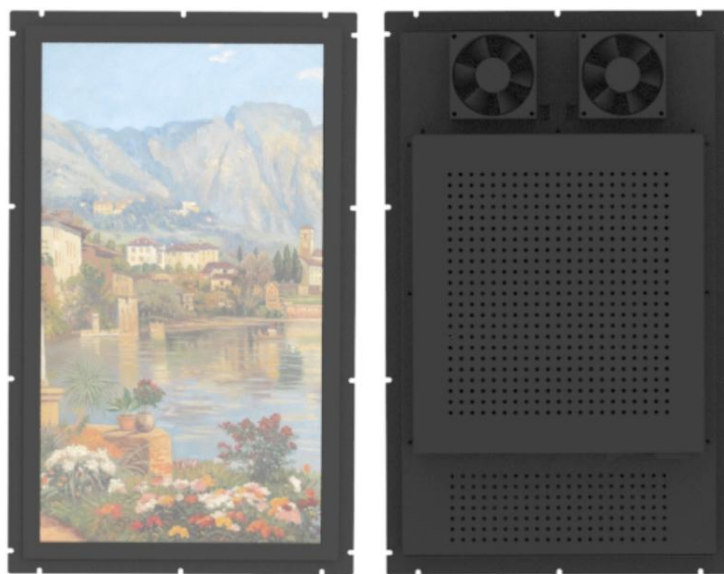


## TDD-OFD-238H

### 23.8" **Outdoor** Open Frame 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

- **5 mm ultra white** tempered glass with anti-mist **Optical Bonding** (Wacker gel), optional with PCAP touch & AG
- 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         | 23.8"(16:9), 60.5cm, Active matrix TFT LCD (LED)            |
| Active Area (mm)      | 527.04 mm x 296.46 mm                                       |
| Resolution            | 1920 x 1080                                                 |
| Viewing Angle         | Horizontal: 89° or 178° total / Vertical: 89° or 178° total |
| Number of Colors      | 16.7 million                                                |
| Brightness (typical)  | <b>1000 nits</b>                                            |
| Response Time-total   | 14 (Typ.)(G to G) ms                                        |
| Contrast Ratio        | 1000:1                                                      |
| Input Video Frequency | Horizontal: 30 - 60 KHz / Vertical: 50 - 75 Hz              |

##### Touch (Optional)

|                   |                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------|
| Touch Technology  | PCAP (Projected Capacitive) - 10 Touch Capacity ( <b>Optional: Waterproof Firmware</b> )               |
| 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      | 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: 100-240 VAC / 12VDC +/- 5%; 52W typical, 1.5W sleep, 0.5W off

#### Mechanical

(Subject to change)

Product Dimensions: 594.2 x 362.1 x 54mm / Weight (Unpacked / Packed): 10.6 / 11.6kg  
Box Dimensions: 670 x 170.6 x 425.5mm / 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](http://www.tddtouch.com), [sales@tddtouch.com](mailto:sales@tddtouch.com)) reserves the right to change specifications without prior notice.