

# TDD-PTM-PM238C

## 23.8" **Industrial** Panel Mount (Front Mount) PCAP Touch Monitors



### 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

- Touch thru glass enabled with PCAP supports thickness up to 5mm
- Embedded design with **Rugged TFT Panel, Sturdy Aluminum Front Panel & Steel Back**
- IP65 (front) for water and dust protection, flexible mounting in any table, kiosk, or cabinet design

### 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)  | 250 nits                                                    |
| 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

|                   |                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------|
| 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      | VGA x1 / HDMI x1 / DVI x1 (opt.) / Display Port x1 (opt.) / USB x1 for Touch; HDCP: Yes |
| Connectors & Controls | Audio Mini jack x1 / DC x1; 5 OSD buttons                                               |

#### Power

Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 25W typical, 1.5W sleep, 0.5W off

#### Mechanical

Product Dimensions: 574.2 x 366.6 x 43.4mm / Weight (Unpacked / Packed): 10.6 / 11.6kg  
Box Dimensions: 650 x 160 x 430mm / VESA Mounting: 75 x 75 / 100 x 100mm

#### Environmental

Operating / Storage Temperature: -10°C to 50°C / -20°C to 60°C

#### Accessories

Power adapter / cable, HDMI / VGA / Touch USB cable, panel mount kits w/screws (opt.)

#### Others

MTBF / Warranty / Enclosure Color: 50,000 hours demonstrated / 1-year / black | silver  
Ready for Use: 24/7

\* TDD ([www.tddtouch.com](http://www.tddtouch.com), [sales@tddtouch.com](mailto:sales@tddtouch.com)) reserves the right to change specifications without prior notice.