



## Overview

The **TDD** PTM-TDM series comes with industrial grade LCD display and project capacitive touch. It is also available with flexible options for LCD screens enhanced treatment such as **Anti-glare** surface treatment and **Optical Bonding** solution, 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 (**optional**), high durability and versatility for embedded applications which customers have maximum flexibility for mechanical design.

## Features

- Touch thru glass (**optional for AG & Anti-mist Optical Bonding**) enabled with PCAP supports thickness up to 5mm
- Composed by **Industrial(optional)** TFT-LCD, CTP / AD / TP Board & power supply with cables and USB cables
- IP65 (front) for water and dust protection, flexible mounting in any table, kiosk, or cabinet design

## Specifications

### Panel

|                       |   |
|-----------------------|---|
| Diagonal Size         | 10.1 - 21.5"(4:3 / 16:9 / 16:10), 17.78 - 109.22cm, Active matrix TFT LCD (LED)   |
| Active Area (mm)      | 216.96 mm x 135.6 mm - 476.64 mm x 268.11 mm                                      |
| Resolution            | 800 x 600 / 1024 x 600 / 1024 x 768 / 1280 x 800 / 1280 x 1024 / 1920 x 1080      |
| Viewing Angle         | Horizontal: 75 - 89° or 150 - 178° total / Vertical: 75 - 89° or 145 - 178° total |
| Number of Colors      | 16.7 million  |
| Brightness (typical)  | 250 - 350 nits  |
| Response Time-total   | 8 - 25 (Typ.)(Tr+Td) ms   |
| Contrast Ratio        | 500:1 - 1200:1  |
| 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%; 10-25W typical, 1.2W sleep, 0.5W off

### Mechanical

Product Dimension / Weight (Unpacked / Packed) / Box Dimensions: Subject to change  
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, flush mount brackets w/screws (opt.)

### Others

MTBF / Warranty / Enclosure Color: 50,000 hours demonstrated / 1-year / N/A  
Ready for Use: 24/7, **SKD(Semi Knocked Down) Option**