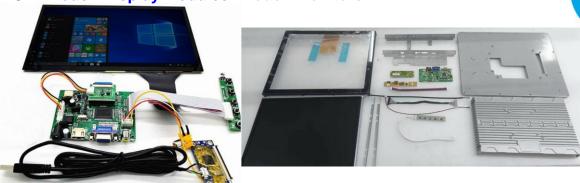
## TDD-PTM-TDMxxx

10.1-21.5" PCAP Touch Display Modules - Touch Monitors



## 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**

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; Optional: Anti-glare, Anti-fingerprint, Anti-smudge, Anti-bacterial		
Supported OS	Windows / Android / Linux / Mac		
Interfaces / Connectors / Controls			

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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: $75 \times 75 / 100 \times 100 \text{mm}$		
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		

<sup>\*</sup> TDD (www.tddtouch.com, sales@tddtouch.com) reserves the right to change specifications without prior notice. 12