

# TDD-PTM-SKD210

## 21.5" PCAP Touch Display Modules



### 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

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Diagonal Size 21.5"(16:9), 55cm, Active matrix TFT LCD (LED)

Active Area (mm) 478 mm x 269.6 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 17 (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; **Optional:** 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: 383.7x316x57.5(**A**)|51.5(**S**)mm/Weight(Unpacked / Packed):5.15/6.65kg  
Box Dimensions: 630 x 431 x 141mm / VESA Mounting: 75 x 75 / 100 x 100mm

**Environmental** Operating / Storage Temperature: -10°C to 60°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 / black | silver  
Ready for Use: 24/7, **A** = Aluminum Back, **S** = Steel Back in above "**Mechanical**"

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