

TDD-PTM-PM121WP

12.1" **Waterproof** 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 (with **Anti-mist Optical Bonding**) enabled with PCAP supports thickness up to 5mm
- Embedded design with **Rugged TFT Panel, Sturdy Aluminum Enclosure with External Connected OSD**
- **IP65 Fully Enclosed Fanless Design with M12 Metal I/O Connectors**, flexible mounting in any table, kiosk or cabinet

Specifications

Panel

Diagonal Size	12.1"(4:3), 30.73cm, Active matrix TFT LCD (LED)
Active Area (mm)	246 mm x 184.5 mm
Resolution	1024 x 768
Viewing Angle	Horizontal: 89° or 178° total / Vertical: 89° or 179° total
Number of Colors	16.7 million
Brightness (typical)	400 nits (Optional: 500 / 1000 nits)
Response Time-total	25 (Typ.)(Tr+Td) 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 (Optional: Waterproof Firmware)
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	HDMI x1 / USB x1 for Touch; HDCP: Yes
Connectors & Controls	DC x1; Key x1 (5 External Connected OSD)

Power

Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 12.2W typical, 1.5W sleep, 0.5W off

Mechanical

Product Dimensions: 301.2 x 239.8 x 58.5mm / Weight (Unpacked / Packed): 3.9 / 4.9 kg
Box Dimensions: 385 x 260 x 320mm / VESA Mounting: 100 x 100mm

Environmental

Operating / Storage Temperature: **-20°C to 70°**

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, sales@tddtouch.com) reserves the right to change specifications without prior notice.