

TDD-PTM-CF270C-DF
27" Industrial Closed Frame (Desktop /
Wall Mount) DP Fanless PCAP
Touch Monitors



Overview

The **TDD Industrial DP Fanless** Touch Monitors include Rear Mount, Panel Mount, and Closed Frame types, designed for embedded into metal enclosures. Built with Aluminum Die Cast Housing, they provide heat dissipation and mechanical strength. Multi-signal video inputs including HDMI, Display Port, and VGA ensure system compatibility. With industrial Aviation Power Connectors and Phoenix Terminal audio outputs, these monitors deliver performance in environments 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, with **HDMI, DP & VGA** Multi-Signal Inputs
- Wall mount / VESA mount design with **Rugged TFT Panel, Solid Aluminum Frame & Die Cast Rear Housing**
- IP65 (front) for water and dust protection, flexible mounting in any table, kiosk, or cabinet design

Specifications

Panel

Diagonal Size	27 "(16:9), 68.58cm, Active matrix TFT LCD (LED)
Active Area (mm)	599.6 x 338.2 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)	300 nits
Response Time-total	12 (Typ.)(Tr+Td) ms
Contrast Ratio	3000:1
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 (Type A) x1 / DP x1 / USB-B x1 for Touch; HDCP: Yes
Connectors & Controls	Audio Mini jack x1/Audio Phoenix Terminal x1 / DC (Threaded Locking) x1; 5 OSD buttons

Power

Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 20W typical, 1.2W sleep, 0.5W off

Mechanical

Product Dimensions: 654.1 x 392.7 x 49 mm / Weight (Unpacked / Packed): 9 / 11 kg
Box Dimensions: 760 x 540 x 160 mm / VESA Mounting: 100 x 100 mm M4 VESA

Environmental

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

Accessories

Power adapter / cable, **HDMI** / VGA / Touch USB cable, wall mount / desktop kits (**optional**)

Others

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

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