

TDD-OFTM-BF190C-DF

19" **Industrial** Bezel-free (Rear Mount)

Open Frame **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
- Embedded design with **Rugged TFT Panel and Solid Aluminum Die Cast Rear Housing**
- IP65 (front) for water and dust protection, flexible mounting in any table, kiosk, or cabinet design

Specifications

Panel

Diagonal Size 19 "(4:3), 48.26cm, Active matrix TFT LCD (LED)

Active Area (mm) 377.3 x 302.1 mm

Resolution 1280 x 1024

Viewing Angle Horizontal: 85° or 170° total / Vertical: 80° or 160° total

Number of Colors 16.7 million

Brightness (typical) 250 nits

Response Time-total 5 (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

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%; 15W typical, 1.2W sleep, 0.5W off

Mechanical

Product Dimensions: 431.0 x 355.8 x 51.5 mm / Weight (Unpacked / Packed): 6 / 7 kg
Box Dimensions: 530 x 500 x 160 mm / VESA Mounting: 75x75 mm / 100x100 mm M4 VESA

Environmental

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

Accessories

Power adapter / cable, **HDMI** / VGA / Touch USB cable, flush mount brackets w/screws

Others

MTBF / Warranty / Enclosure Color: 50,000 hours demonstrated / 1-year / black | grey
Ready for Use: 24/7, **Cutout Dimensions: 419.5 x 344.2 mm (R5.5)**

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