

TDD-OFTM-BF121

12.1" Bezel-free Open Frame PCAP Touch Monitors



Overview

The TDD open frame touch monitors include bezel-free & flat bezel types with PCAP or resistive touch technology, which delivers an industrial & reliable solution with outstanding image clarity and accurate touch response that is cost-effective for OEMs and systems integrators. Embedded eye-catching and rugged bezel with flush front finish structure delivers flat design with high durability and scratch & water resistance. It is available in a wide range of sizes (7" to 55"), offering the versatility for embedded kiosk applications from self-service, gaming, industrial automation to digital signage & healthcare.

Features

- Touch thru glass enabled with PCAP supports thickness up to 5mm
- Embedded design with sturdy metal or aluminum (optional for back) enclosure
- IP65 (front) for water and dust protection; Flexible mounting in any table, kiosk, or cabinet design

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 800 x 600

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

Number of Colors 16.7 million

Brightness (typical) Panel: 300 nits / With PCAP Touch: 265 nits

Response Time-total 25 msec typical

Contrast Ratio 700:1

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, Anti-glare; Anti-fingerprint, Anti-smudge, Anti-bacterial (optional)

Supported OS Windows / Android / Linux / Mac

Interfaces / Connectors / Controls

Video Interfaces VGA x1 / HDMI x1 / DVI x1 / Display Port x1 (optional)/ 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%; 12.2W typical, 1.5W sleep, 0.5W off

Mechanical Sizes & Weight / Mount: 275.69mm x 214.29mm x 39.2mm / 1.2 kg unpackaged; 75 / 100mm

Environmental Operating Temperature: 0°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

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