

TDD-OFTM-BF84

8.4" 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	8.4"(4:3), 21.33cm, Active matrix TFT LCD (LED)
Active Area (mm)	170.4 mm x 127.8 mm
Resolution	800 x 600
Viewing Angle	Horizontal: 80° or 160° total / Vertical: 80°/60° or 140° total
Number of Colors	16.7 million
Brightness (typical)	Panel: 350 nits / With PCAP Touch: 280 nits
Response Time-total	25 msec typical
Contrast Ratio	500:1
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%; 10W typical, 1.2W sleep, 0.5W off
Mechanical	Sizes & Weight / Mount: 220mm x 162mm x 40mm / 0.9 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.