

# TDD-OFTM-FB121R

## 12.1" Flat Bezel Open Frame Resistive 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

- **Five-wire resistive touch** technology
- Full flat design with sturdy **metal front bezel** and metal 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 Resistive Touch: 250 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	5-Wire Resistive – Single-Touch
Touch Method	Stylus, finger, glove
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  
Wall mount and table stands w/ Screws(Optional)

**Others** MTBF / Warranty / Enclosure Color: 50,000 hours demonstrated / 1-year / black

\* TDD ([www.tddtouch.com](http://www.tddtouch.com), [sales@tddtouch.com](mailto:sales@tddtouch.com)) reserves the right to change specifications without prior notice.