

# TDD-OFTM-BF320

## 32" 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	31.5"(16:9), 80cm, Active matrix TFT LCD (LED)
Active Area (mm)	708.48 mm x 398.52 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)	Panel: 400 nits / With PCAP Touch: 325 nits
Response Time-total	8 msec typical
Contrast Ratio	1200:1
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(opt.) / Display Port x1 (opt.) / USB x1 for Touch; HDCP: Yes
Connectors & Controls	Audio Mini jack x1 / DC x1; 5 OSD buttons

<b>Power</b>	Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 47W typical, 1.5W sleep, 0.5W off
<b>Mechanical</b>	Sizes & Weight / Mount: 765.3mm x 460.2mm x 57.2mm / 12 kg unpackaged; 75 / 100mm

<b>Environmental</b>	Operating Temperature: 0°C to 50°C
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<b>Accessories</b>	Power adapter / cable, HDMI / VGA / Touch USB cable, Flush Mount Brackets w/Screws(opt)
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<b>Others</b>	MTBF / Warranty / Enclosure Color: 50,000 hours demonstrated / 1-year / black Ready for Use: 24/7
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\* **TDD** ([www.tddtouch.com](http://www.tddtouch.com), [sales@tddtouch.com](mailto:sales@tddtouch.com)) reserves the right to change specifications without prior notice.