

TDD-OFTM-BF320H

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: 800 nits / With PCAP Touch: 765 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 (opt.)
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

Power	Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 47W typical, 1.5W sleep, 0.5W off
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Mechanical	Product Dimensions: 765.3 x 460.2 x 57.2mm / Weight (Unpacked / Packed): 11/15 kg (1pcs) Box Dimensions: 560 x 140 x 850mm (1pcs) / VESA Mounting: 200 x 200mm
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Environmental	Operating / Storage Temperature: -10°C to 60°C / -20°C to 60°C
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Accessories	Power adapter / cable, HDMI / VGA / Touch USB cable, flush mount brackets w/screws (opt.)
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Others	MTBF / Warranty / Enclosure Color: 50,000 hours demonstrated / 1-year / black Ready for Use: 24/7
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* TDD (www.tddtouch.com, sales@tddtouch.com) reserves the right to change specifications without prior notice.