

TDD-OFTM-BF430

43" 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 | 43"(16:9), 108cm, Active matrix TFT LCD (LED) |
| Active Area (mm) | 940.8 mm x 529.2 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 |
| Response Time-total | 12 msec typical |
| Contrast Ratio | 1100:1 |
| 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

Mechanical

Product Dimensions: 1041.7 x 629.7 x 48.1mm / Weight (Unpacked/Packed): 26/31 kg (1pcs)
Box Dimensions: 1130 x 220 x 790mm (1pcs) / VESA Mounting: 75 x 75 / 100 x 100mm

Environmental

Operating / Storage Temperature: -10°C to 60°C / -20°C to 60°C

Accessories

Power adapter / cable, HDMI / VGA / Touch USB cable, flush mount brackets w/screws (opt.)

Others

MTBF / Warranty / Enclosure Color: 50,000 hours demonstrated / 1-year / black
Ready for Use: 24/7

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