

# TDD-OFTM-BF190

## 19" 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 19"(5:4), 48cm, Active matrix TFT LCD (LED)

Active Area (mm) 377.32 mm x 302.06 mm

Resolution 1280 x 1024

Viewing Angle Horizontal: 89° or 178° total / Vertical: 89° or 178° total

Number of Colors 16.7 million

Brightness (typical) Panel: 250 nits / With PCAP Touch: 215 nits

Response Time-total 14 msec typical

Contrast Ratio 1000:1

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%; 17W typical, 1.5W sleep, 0.5W off

#### Mechanical

Sizes & Weight / Mount: 423.9mm x 348.9mm x 39.2mm / 5.1 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](http://www.tddtouch.com), [sales@tddtouch.com](mailto:sales@tddtouch.com)) reserves the right to change specifications without prior notice.