

# TDD-OFTM-BF490HO-OB

## 49" **Outdoor** Bezel-free (Rear Mount) Open Frame PCAP Touch Monitors



### Overview

The **TDD Touch Monitors** include **Standard, Industrial (Open Frame Bezel-free | Rear Mount, Panel Mount, Closed Frame), Outdoor, Waterproof, Stainless Steel, Marine, Curved, Desktop POS, Commercial Displays, Medical and Custom** types, delivers an industrial, reliable and cost-effective solution with outstanding image clarity & accurate touch response for OEMs & systems integrators. 7-98" sizes with rugged bezel, flat structure, high durability and versatility for Kiosks applications from Self-service, Automated Parking, Industrial Automation, Outdoor Control, Healthcare to Gaming.

### Features

- Touch thru glass (with **AG, UV Filter & Anti-mist Optical Bonding**) enabled with PCAP supports thickness up to 5mm
- Embedded design with **Rugged High Bright TFT Panel&Auto-dimmer, Sturdy Aluminum Front Frame&Steel Back**
- IP65 (front) for water and **Dust Protection with Smart Fans**, flexible mounting in any table, kiosk, or cabinet design

### Specifications

#### Panel

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Diagonal Size         | 49"(16:9), 124.46cm, Active matrix TFT LCD (LED)            |
| Active Area (mm)      | 1078.6 mm x 609.5 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)  | <b>1500 nits</b>                                            |
| Response Time-total   | 8 (Typ.)(G to G) ms                                         |
| Contrast Ratio        | 1200:1                                                      |
| Input Video Frequency | Horizontal: 30 - 60 KHz / Vertical: 50 - 75 Hz              |

#### Touch

|                   |                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------|
| Touch Technology  | PCAP (Projected Capacitive) - 10 Touch Capacity ( <b>Optional: Waterproof Firmware</b> )               |
| Surface Treatment | Water, Dust & Vandal proof; <b>Optional:</b> Anti-glare, Anti-fingerprint, Anti-smudge, Anti-bacterial |
| 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%; 55W typical, 1.5W sleep, 0.5W off

#### Mechanical

Product Dimensions: 1016.5 x 600 x 76.7mm / Weight (Unpacked / Packed): 29 / 33 kg  
Box Dimensions: 1132 x 776.7 x 200mm / VESA Mounting: 200 x 200mm

#### Environmental

Operating / Storage Temperature: **-10°C to 60°C** / -20°C to 70°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 | silver  
Ready for Use: 24/7

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