

# TDD-OFTM-BF185DP

## 18.5" **Dustproof** 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 enabled with PCAP supports thickness up to 5mm
- Full dustproof design with **Aluminum Frame & M12 Metal I/O Connectors** for USB, HDMI & power interface.
- IP65 (front) for water and dust protection, flexible mounting in any table, kiosk, or cabinet design

### Specifications

#### Panel

Diagonal Size	18.5"(16:9), 46.99cm, Active matrix TFT LCD (LED)
Active Area (mm)	409.8 mm x 230.4 mm
Resolution	1366 x 768
Viewing Angle	Horizontal: 89° or 178° total / Vertical: 89° or 178° total
Number of Colors	16.7 million
Brightness (typical)	250 nits
Response Time-total	14 (Typ.)(G to G) ms
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; <b>Optional:</b> Anti-glare, Anti-fingerprint, Anti-smudge, Anti-bacterial
Supported OS	Windows / Android / Linux / Mac

#### Interfaces / Connectors / Controls

Video Interfaces	<b>HDMI x1</b> / DVI x1 (opt.) / Display Port x1 (opt.) / <b>USB x1</b> for Touch; HDCP: Yes
Connectors & Controls	<b>DC x1</b> ; 5 OSD buttons

<b>Power</b>	Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 20W typical, 1.5W sleep, 0.5W off
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<b>Mechanical</b>	Product Dimensions: 454 x 277 x 40mm / Weight (Unpacked / Packed): 6.7 / 8.5kg Box Dimensions: 530 x 160 x 350mm / VESA Mounting: 75 x 75 / 100 x 100mm
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<b>Environmental</b>	Operating / Storage Temperature: -10°C to 50°C / -20°C to 60°C
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<b>Accessories</b>	Power adapter / cable, HDMI / Touch USB cable( <b>1m</b> ), flush mount brackets w/screws (opt.)
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<b>Others</b>	MTBF / Warranty / Enclosure Color: 50,000 hours demonstrated / 1-year / black   white 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.