TDD-OFTM-BF215
21.5″ 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	21.5"(16:9), 55cm, Active matrix TFT LCD (LED)
Active Area (mm)	476.64 mm x 268.11 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: 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

Power	Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 25W typical, 1.5W sleep, 0.5W off
Mechanical	Sizes & Weight / Mount: 527.4mm x 314.4mm x 41.2mm / 6.5 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