



Overview

The **BF** 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 (with anti-reflective) enabled with PCAP supports thickness up to 5mm
- Embedded design with sturdy metal or aluminium (optional for back) enclosure, for outdoor use with anti-mist **optical bonding TP & TFT**, cooling fans (controlled by temperature controller), automatic brightness sensor and dustproof design
- 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: 1000 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 (supports waterproof firmware)

Surface Treatment Water, Dust & Vandal proof, Anti-glare; Opt.: 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%; 20W typical, 1.5W sleep, 0.5W off

Mechanical

Product Dimensions: 533.5 x 320.5 x 53.5mm / Weight (Unpacked/Packed): 5 / 7 kg (2pcs)
Box Dimensions: 585 x 185 x 380mm (2pcs) / 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

