



**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	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: 85° or 170° total / Vertical: 85° or 170° total
Number of Colors	16.7 million
Brightness (typical)	Panel: 1000 nits
Response Time-total	10 msec typical
Contrast Ratio	800:1
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: 453 x 274 x 54mm / Weight (Unpacked/Packed): 4.5/5.5 kg (1pcs)  
 Box Dimensions: 493 x 314 x 84mm (1pcs) / 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

