

# Open Frame LCD MONITOR

Model: **FBT-12120**



## Features

- \* RoHS compliant, meet UL, CSA, TUV, FCC B, VCCI B, CE, TCO 99, TUV Ergo, EPA Energy Star certification
- \* Kiosks, equipment, and instruments drop-in design
- \* Friendly design on various location options of OSD keys
- \* Superior viewing angles, contrast ratio, and brightness
- \* Sturdy and ventilation consideration structure

## Options

- \* Durable Resistive, Capacitive, and Surface Acoustic Wave touchscreen
- \* DVI, Composite Video, BNC video outputs
- \* Embed Stand-Alone or Network MPEG Players

## Touchscreens Available

- FBT-12120TEAR**  
5-Wire Resistive RS232 Touch O/F Monitor
- FBT-12120TEARU**  
5-Wire Resistive USB Touch O/F Monitor
- FBT-12120TMAC**  
Capacitive RS232 Touch O/F Monitor
- FBT-12120TMACU**  
Capacitive USB Touch O/F Monitor
- FBT-12120TEAS**  
Acoustic Wave RS232 Touch O/F Monitor
- FBT-12120TEASU**  
Acoustic Wave USB Touch O/F Monitor

## Specifications

### LCD Panel

TFT Active Matrix color
12.1 in/ 307 mm diagonal viewable
SVGA 800 x 600 resolution (maximum)
0.3075 x 0.3075 mm pixel pitch
262 thousand displayable colors
400 nit brightness (typical, 80% touch option)
80% brightness uniformity (typical)
500:1 contrast ratio (typical)
35 ms response time (typical at 25°C)
140° (H), 110° (V) viewing angle (typical at CR=5)
50,000 hours MTBF (typical at 25°C)

### Power Management

VESA DPMS standard
5W sleep mode, 30W normal mode
12 V/2.92 A, 35 W, Universal Input Adapter

### Mechanical and Environment

Operation temperature: 0~50°C [32~122°F]
Storage temperature: -20~60°C [-4~140°F]
Humidity: 85% (maximum)
310 x 237.7 x 36.8 mm [12.2 x 9.36 x 1.45 inch]
1.4 Kg [3 Lb]

### Video Interface

VGA compatible analog RGB
24-54 kHz horizontal scan
50-90 Hz vertical refresh
On-screen display



