

# Open Frame LCD MONITOR

6.5" Open Frame LCD Monitor  
Model: FOP6500



## Features and Options

- Compliant with RoHS, UL, CSA, TUV, FCC B, VCCI B, CE TCO 99, TUV Ergo, EPA Energy Star
- Perfect for kiosk, equipment and instrument drop-in designs
- Superior viewing angles, contrast ratio and brightness
- Robust ventilation structure
- Durable Resistive and Surface Acoustic Wave Touchscreen options
- DVI, Composite and BNC video input options
- Compatible with iTechLCD's MP-01, MP-02 signage players

## Touchscreen Models

**FOP6500-RTS-S** 5-Wire Resistive RS232 Touch O/F Monitor  
**FOP6500-RTS-U** 5-Wire Resistive USB Touch O/F Monitor

**FOP6500-SAW-S** SAW RS232 Touch O/F Monitor  
**FOP6500-SAW-U** USB Touch O/F Monitor

## Specifications

### LCD Panel

TFT Active Matrix Color  
6.5 inch diagonal viewable  
VGA 640 x 480 resolution (maximum)  
0.207 x 0.207 mm pixel pitch  
16 million color display  
800 nit brightness (typical, 80-90% with touchscreen)  
80% luminance uniformity (minimum)  
600:1 contrast ratio (typical at 25°C)  
25 ms response time (typical)  
±80°L/R, 70°U/D  
50,000 hours MTBF (minimum at 25°C)

### Video Interface

VGA compatible analog RGB  
24-82 kHz horizontal scan  
50-75 Hz vertical refresh  
OSD (On Screen Display) keys

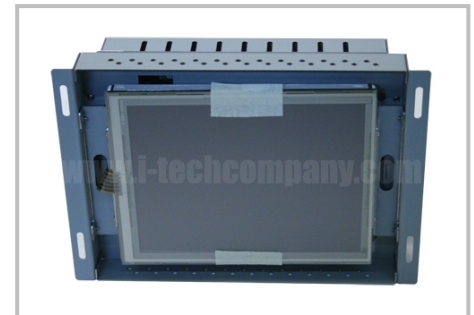
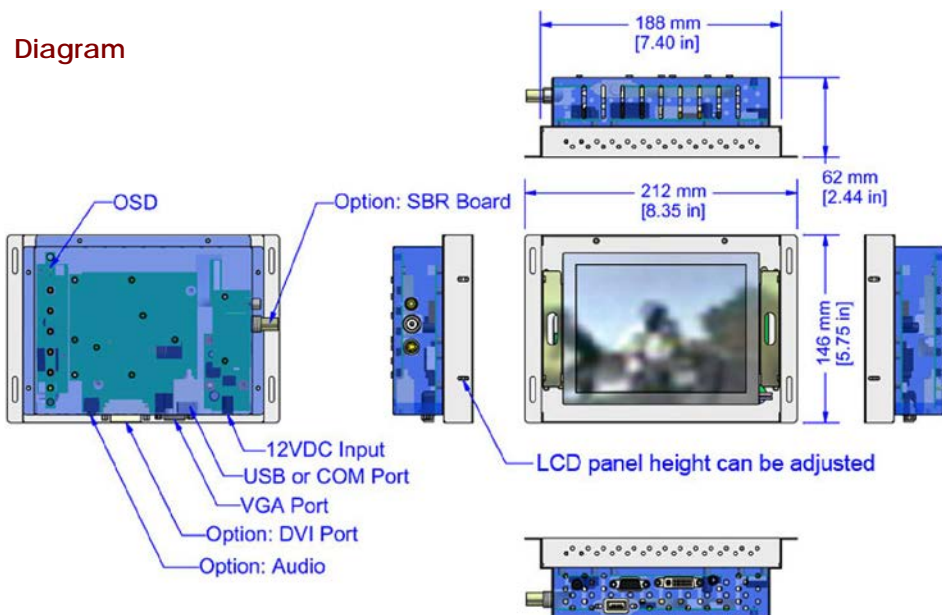
### Mechanical and Environment

Operation Temperature: -30~80°C [-22~176°F]  
Storage Temperature: -30~80°C [-22~176°F]  
Humidity: 95% maximum  
212 x 146 x 62 mm [8.35 x 5.75 x 2.44 inch]  
1 kg [2.0 lbs]

### Power Management

VESA DPMS Standard  
6.11W normal mode  
+2W for Touch Overlay  
12V/2A, 24W, Universal Input Adapter

## Diagram



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Mechanical Drawing

