

# Open Frame LCD MONITOR

6.5" Open Frame LCD Monitor  
Model: FOP6500A



## 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 I-Tech's MP-01, MP-02 signage players

## Touchscreen Models

- FOP6500A-RTS-S** 5-Wire Resistive RS232 Touch O/F Monitor
- FOP6500A-RTS-U** 5-Wire Resistive USB Touch O/F Monitor
- FOP6500A-SAW-S** SAW RS232 Touch O/F Monitor
- FOP6500A-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)
- 0.027 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, 60°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

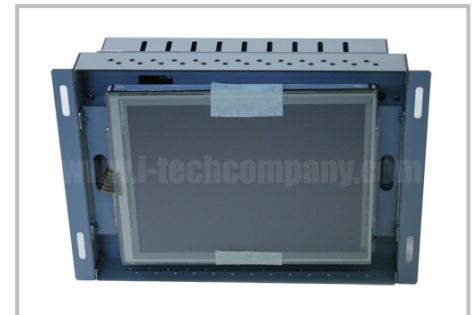
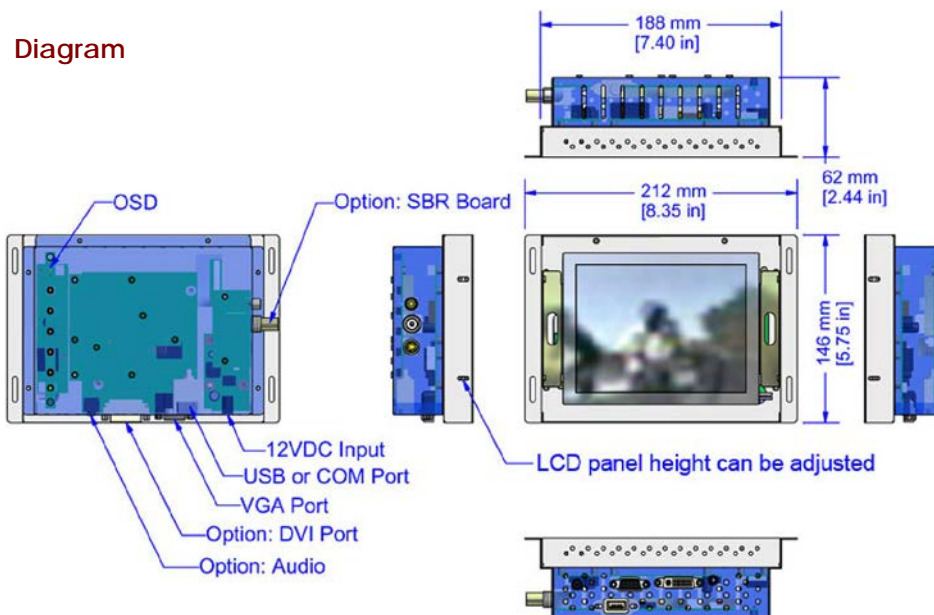
### Power Management

- VESA DPMS Standard
- 8.61W normal mode
- 12V/2A, 24W, Universal Input Adapter

### 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]

## Diagram



i-Tech Company LLC

TOLL FREE: (888) 483-2418 • EMAIL: [info@iTechLCD.com](mailto:info@iTechLCD.com) • WEB: [www.iTechLCD.com](http://www.iTechLCD.com)

