

# FPM-2120G

## 12" XGA Industrial Monitor with Resistive Touch Control and Direct VGA Port



### Features

- 12" XGA TFT LED LCD with 50K backlight lifetime
- Robust design with aluminum front panel
- Anti-glare screen with tempered glass
- Supports panel, wall, desktop, rack, and VESA arm mounting
- Combo RS-232+USB interface for touchscreen functionality

### Introduction

The FPM-2120G is a competitively priced industrial-grade, 12" TFT LCD flat panel monitor equipped with an LED backlight, aluminum-magnesium front panel, and sleek, low-profile design. The FPM-2120G monitor is extremely lightweight and thin, and offers many industrial-grade features including a stainless steel chassis and flexible VESA mounting. Moreover, the FPM-2120G monitor is especially suitable for integration with industrial PCs, such as Advantech's IPC-610 or IPC-6806 systems. These combinations provide extremely tough, reliable solutions that can support a wide range of industrial applications.

### Specifications

#### General

- **OSD Controls** OSD control buttons on rear panel
- **Certification** BSMI, CCC, CE, FCC, UL
- **Dimensions (W x H x D)** 311 x 237 x 40.63 mm (12.24 x 9.33 x 1.60 in)
- **Enclosure** Front panel: Aluminum, Rear cover: SECC chassis
- **Mount Options** Panel, wall, desktop, VESA arm
- **Power Input** External 60 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 5 A output (included)
- **Video Port** VGA
- **Weight (Net)** 4 kg (8.82 lb)

#### LCD Display

- **Display Type** XGA TFT LCD with LED backlight
- **Display Size** 12.1"
- **Max. Resolution** 1024 x 768
- **Max. Color** 16.2M
- **Viewing Angle (H/V) °** 160 °(V), 140 °(H)
- **Luminance (cd/m<sup>2</sup>)** 600
- **Backlight Life** 50,000 hr
- **Contrast Ratio** 700:1

#### Touchscreen

- **Interface Combo** RS-232 & USB interface
- **Lifespan** 36 million times with R8 silicone rubber finger, @ 2 x 250g presses per second
- **OS Support** Windows® XP, Vista, 7, 8, 10, XPe, CE and Linux

#### Environment

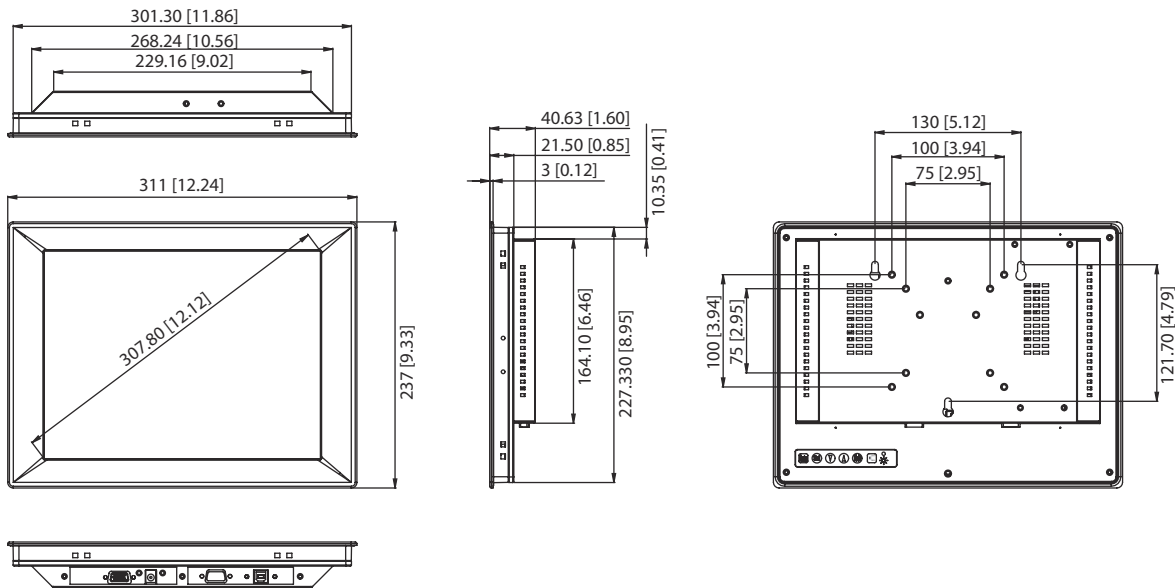
- **Operating Temperature** 0 ~ 50 °C (32 ~ 122 °F)
- **Storage Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Humidity (Storage)** 10 ~ 95% non-condensing
- **IP Rating** Front panel is IP65 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

### Ordering Information

- **FPM-2120G-R3BE** 12.1" XGA Industrial LED Monitor w/Resistive TS (RS-232 and USB interfaces)

## Dimensions

Unit: mm [inch]



Panel Cutout Dimensions: 303 x 229 mm (11.93 x 9.02 in)

## Optional Accessories

- **FPM-1000T-SMKE** Desktop/Wall Mounting kit for FPM series
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1700000596-11** Power Cable China/Australia Plug 1.8 M
- **1702002600** Power Cable US Plug 1.8 M

## I/O View

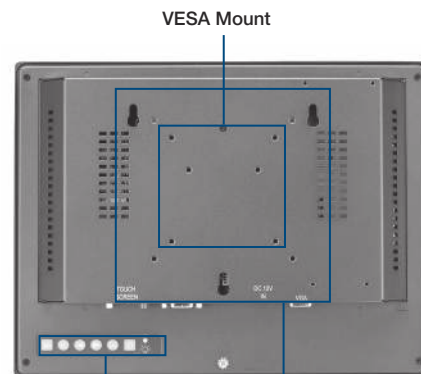


Touchscreen (USB)      Touchscreen (RS-232)      DC Jack 12V<sub>dc</sub>  
 (100 ~ 240V<sub>AC</sub> adapter included)      VGA Port

## Front View



## Rear View



VESA Mount      OSD Control Keys      Wallmount