

# FPM-2120G

## 12" XGA Industrial Monitor with Resistive Touchscreen and Direct-VGA Port

NEW



### Features

- 12" XGA TFT LED LCD with 50,000 backlight life time
- Robust design with aluminum front panel
- Anti-glare screen with tempered glass
- Supports Panel, Wall, Desktop or VESA arm mounting
- Combo RS-232 & USB interface for touchscreen function

### Introduction

The FPM-2120G is an industrial-grade 12" TFT LCD monitor with LED backlight flat panel with an Al-Mg front panel, a modern appearance, and one of the most competitive prices for 12" LCD with LED backlight monitor on the market. The FPM-2120G are also extremely light and thin, and provides many industrial-grade features including a stainless steel chassis. VESA mounting flexibility, and many more. The FPM-2120G are especially suitable for industrial PCs such as IPC-610 or IPC-6806. This combination leads to an extremely reliable and tough system, ready to operate in a wide variety of industrial applications.

### Specifications

#### General

- **Button Controls** OSD (Onscreen Display) control pad on rear cover
- **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")
- **Enclosure** Front panel: Aluminum, Rear cover: SECC chassis
- **Mounting** 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)** 4kg (8.82 lbs)

#### 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 (hrs)** 50,000
- **Contrast Ratio** 700:1

#### Touchscreen

- **Interface Combo** RS-232 & USB interface
- **Lifespan** 36 millions times with a silicone rubber of R8 finger, hitting rate is calculated as being 250g at 2 times per second
- **OS Support** Windows® XP, Vista, 7, 8, 10, XPe, CE and Linux

#### Environment

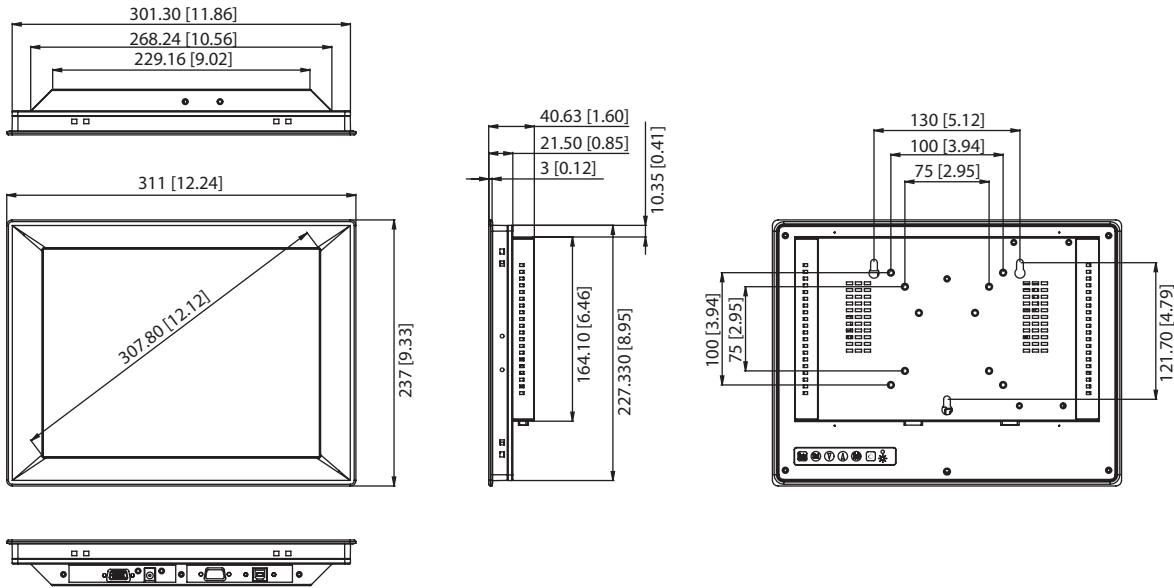
- **Operation Temperature** 0 ~ 50°C (32 ~ 122°F)
- **Storage Temperature** -20 ~ 60°C (-4 ~ 140°F)
- **Humidity (Storage)** 10 ~ 95% non-condensing
- **Waterproof** Front Panel IP65 Compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

### Ordering Information

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

## Dimensions

Unit: mm [inch]



Panel Cut-out Dimensions: 303 x 229 mm (11.93" x 9.02")

## 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** Power Cable China/Australia Plug 1.8 M
- **1702002600** Power Cable US Plug 1.8 M

## I/O View



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

## Front View



## Rear View

