

# FPM-2120G

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



### Features

- 12" SVGA TFT LCD with LED backlight
- Robust design with aluminum front panel
- Anti-reflective screen with tempered glass
- Supports Panel, Wall, Desktop, Rack or VESA arm mounting
- Combo RS-232 & USB interface for touchscreen function

### Introduction

FPM-2120G are industrial-grade 12" TFT LCD with LED backlight flat panel monitor 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 such as a stainless steel chassis, VESA mounting flexibility, and 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)** 311mm x 237mm x 40.63mm (12.24" x 9.33" x 1.60")
- **Enclosure** Front panel: Aluminum with coating, Rear cover: SECC coating chassis
- **Mounting** Panel, wall, desktop, VESA arm, or 19" rackmount with optional mounting kit
- **Power Input** External 60 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 5 A output
- **Video Port** VGA
- **Weight (Net)** 4kg (8.82 lbs)

#### LCD Display

- **Display Type** SVGA TFT LCD with LED backlight
- **Display Size** 12"
- **Max. Resolution** 800 x 600
- **Max. Color** 16.2M
- **Viewing Angle (H/V)°** 160°(V), 140°(H)
- **Luminance (cd/m2)** 450
- **Backlight Life (hrs)** 50,000
- **Contrast Ratio** 700:1

#### Touchscreen (Optional)

- **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/Win7/CE & Linux

#### Environment

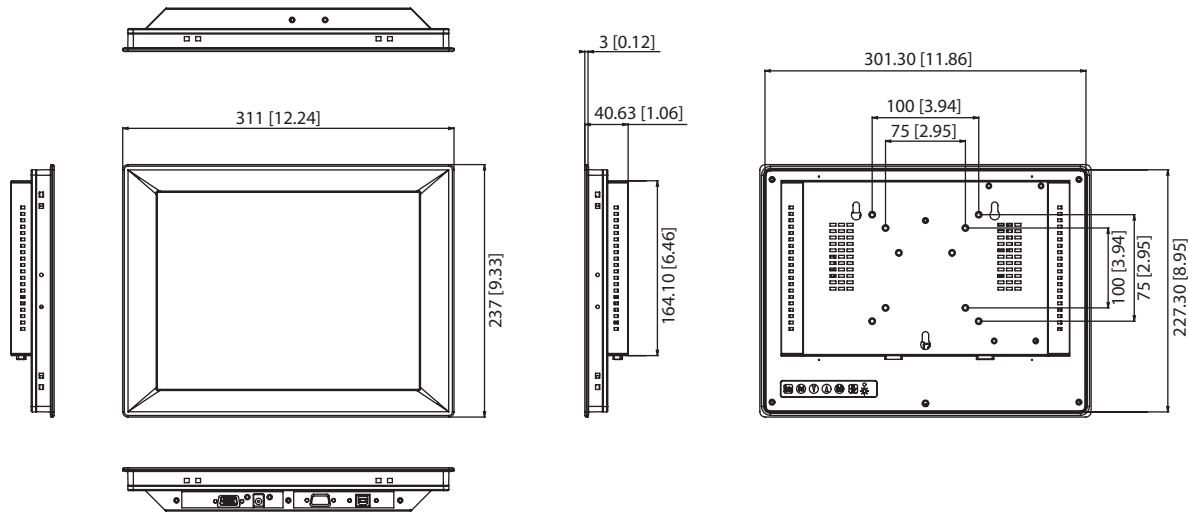
- **Operation Temperature** 0 ~ 50°C (32 ~ 122°F)
- **Storage Temperature** -20 ~ 60°C (-4 ~ 140°F)
- **Humidity (Storage)** 10 ~ 95% non-condensing
- **Waterproof** Front Panel IP65 Compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

### Ordering Information

- **FPM-2120G-X0AE** 12" SVGA Industrial LED Monitor
- **FPM-2120G-R3AE** 12" SVGA Industrial LED Monitor w/Resistive TS (RS-232 and USB interfaces)

## Dimensions

Unit: [mm]



**Panel Cut-out Dimensions: FPM-2120G 303.3 x 229.3 mm (11.94" x 9.03")**

## Accessories

- **FPM-2120G-SMKE** FPM-2120G/2150G/2170G Stand Kit
- **FPM-2120G-RMKE** FPM-2120G Rack-Mount Kit
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1702031836** Power Cable China/Australia Plug 1.8 M

## I/O View

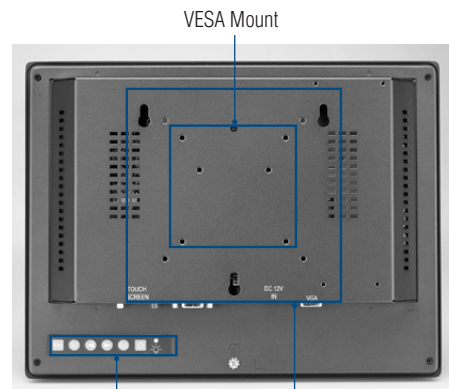


Touch Screen (USB)      Touch Screen (RS-232)      100 ~ 240 V<sub>AC</sub> Power Adapter      VGA Port

## Front View



## Rear View



VESA Mount      OSD Control Keys      Wallmount