FPM-2120G

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

NEW

Features

- 12" SVGA 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

c(UL)us LISTED E180881 I.T.E.   R33138   CCC   CE   FCC

Introduction

The FPM-2120G is an industrial-grade 12" TFT LCD with LED backlightflat 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 e x tremely 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 e x tremely 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**   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

- **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,XPe,CE and Linux
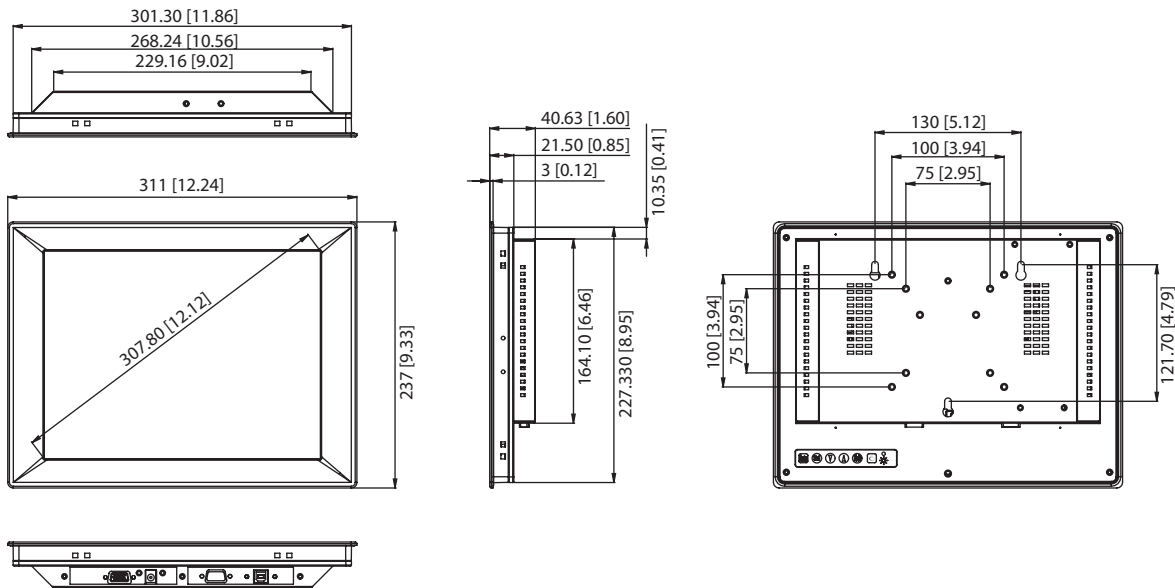
Environment

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

Dimensions

Unit: mm [inch]

301.30 [11.86]
268.24 [10.56]
229.16 [9.02]

311 [12.24]

307.80 [12.12]

237 [9.33]

40.63 [1.60]
21.50 [0.85]
3 [0.12]
10.35 [0.41]

164.10 [6.46]
227.330 [8.95]

130 [5.12]
100 [3.94]
75 [2.95]

100 [3.94]
75 [2.95]

121.70 [4.79]

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

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
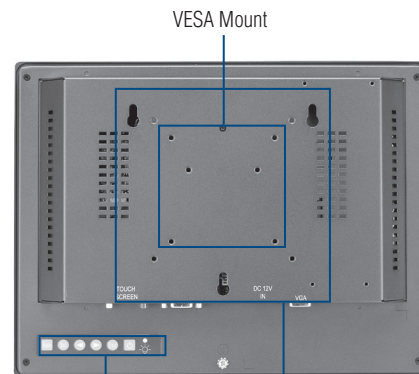- **1702002600** — Power Cable US Plug 1.8 M

I/O View

Touch Screen (USB)
Touch Screen (RS-232)
VGA Port
DC Jack 12V$_{DC}$ (100~240V$_{AC}$ adapter included)

Front View

Rear View

VESA Mount

OSD Control Keys

Wallmount