FPM-3120G

Industrial 12.1" Flat Panel Monitor with Direct-VGA Port

NEW

Features

- 12.1" SVGA TFT LCD with resolution up to 800 x 600
- Multi-scan function supports XGA, SVGA, VGA, text mode
- Auto-recognition of input signal
- Supports VESA arm, desktop, panel and wall mounting
- NEMA4/IP65 compliant Aluminum front panel

Introduction

FPM-3120G is a 12-inch color TFT LCD flat panel monitor specially designed for industrial or public applications with limited installation space. With a new industrial design, mounting is extremely easy and fits most environments perfectly. The FPM-3120G features Direct-VGA signal transmission to allow a regular VGA control card to be used in your system. Users can thus upgrade the display without making changes to the existing system. Its on-screen-display function let users adjust the image easily. The whole chassis is in stainless steel and the front panel is made of aluminum with NEMA4/IP65 compliance.

Specifications

General

- **Button Controls**   OSD (on screen display) control pads on the front bezel
- **Certifications**   BSMI, CCC, CE, FCC class B
- **Dimensions (WxHxD)**   312 x 244 x 44.6 mm (12.28" x 9.61" x 1.76")
- **Enclosure**   Front panel: Aluminum, NEMA4/IP65 compliant
- **Mounting**   Panel, wallmount, desktop or VESA arm
- **Power Input**   External 42 W power adapter, AC 100 V ~ 240 V input, +12 V @ 3.5 A output
- **Video Ports**   VGA
- **Weight (Net)**   3.0 kg (6.61 lb)

LCD Display

- **Backlight Life**   50,000 hrs
- **Contrast Ratio**   500:1
- **Display Size**   12.1"
- **Display Type**   SVGA TFT LCD
- **Luminance**   350 cd/m^2
- **Max. Colors**   262 K
- **Max. Resolution**   800 x 600
- **Viewing Angle(H/V°)**   140/120

Touchscreen (Optional)

- **Interface**   RS-232 interface (for -R version)
                            USB interface (for -U version)
- **Lifespan**   1 million touches at single point
- **Type**   8 wire, analog resistive sensors
- **Resolution**   Continuous
- **Light Transmission**   75%
- **Power Consumption**   5 V @ 200 mA (for -R model)
                            5 V @ 100 mA (for -U model, bus power)
- **OS Support**   Windows® 2000/XP

Environment

- **Humidity (Storage)**   10 ~ 90%, non-condensing
- **Ingress Protection**   Front panel: NEMA4, IP65
- **Operating Temperature** FPM-3120G: 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature**   FPM-3120G: -20 ~ 60° C (-4 ~ 140° F)
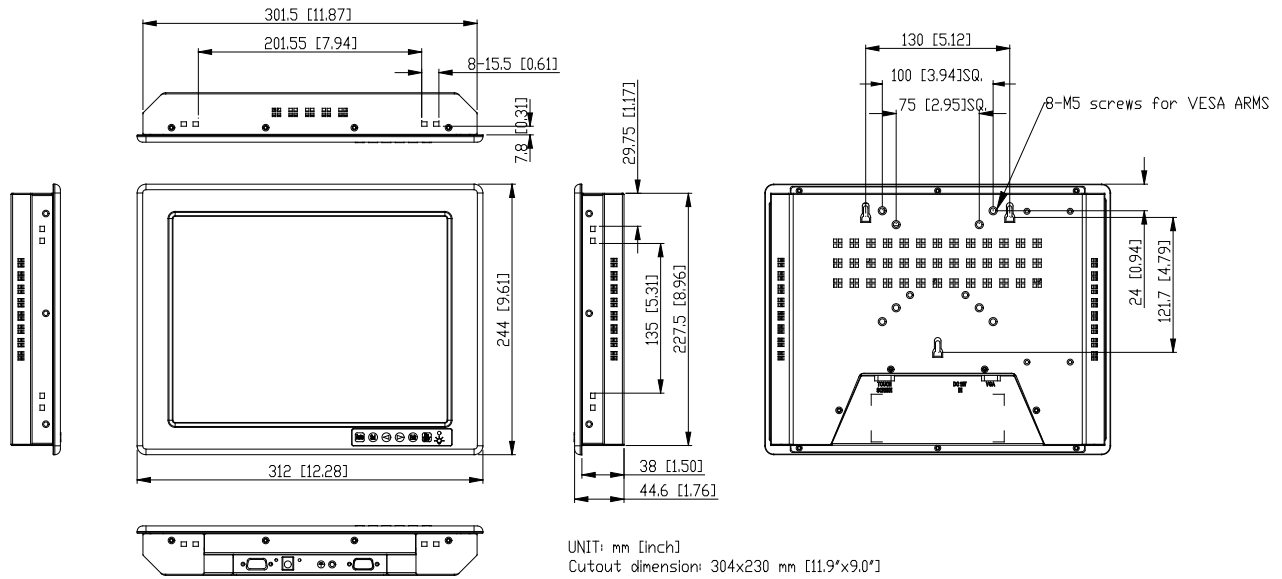- **Vibration Protection** 5~500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-3120G-XA**   12.1" SVGA TFT LCD with VGA interface, AC 100 ~ 240 V 42 W power adapter
- **FPM-3120G-RA**   FPM-3120G with resistive touchscreen (RS-232 interface)
- **FPM-3120G-CA**   FPM-3120G with capacitive touchscreen (RS-232 interface)
- **FPM-2150DESK-MT**   Mounting kit for desktop and wall, black color

Dimensions

Unit: mm

UNIT: mm [inch]
Cutout dimension: 304x230 mm [11.9"x9.0"]

I/O View

Power Connector

Touch screen (RS-232)
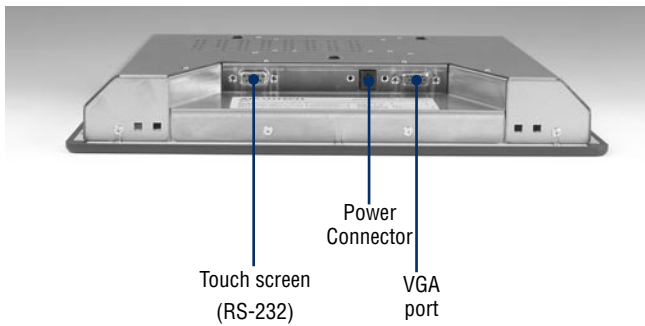
VGA port

With Desktop Stand

1 Software

2 IPPC

3 TPC

4 FPM

5 ATM & AWS

6 DA&C

7 cPCI

8 ADAM-3000

9 Motion Control

10 ICOM

11 Industrial Networking

12 UNO

13 ADAM-4000

14 ADAM-5000

15 ADAM-6000

16 ADAM-8000

17 BAS