

# FPM-5152G FPM-5172G FPM-5192G

## 15" XGA/17" SXGA/19" SXGA Industrial Monitors with Resistive Touchscreens, Display Port

**NEW**



### Features

- 15" XGA or 17"/19" SXGA TFT LCDs
- Display port input interface
- Lockable OSD keys with 2 user-defined contrast/brightness settings
- Flat-sealed front panel
- Robust design with anti-rust chassis and aluminum die-cast front panel
- Front accessible USB connector
- USB interface for touchscreen function (optional)
- Supports industrial 18-32V<sub>DC</sub> power input with Phoenix jack
- Supports panel, wall, desktop, rack or VESA arm mounting
- Front panel is NEMA4/IP65 compliant

### Introduction

The FPM-5000G series provides 15", 17" and 19" color TFT LCD flat panel monitors specifically designed for industrial applications. With a viewing size from 15" to 19", they present ample display areas as well as vivid and sharp images. It features display port signal transmission, which allows display port control cards to be used in your system. The onscreen display allows users to adjust the images on the screen with two user-defined settings. The front access USB connector provides easy access the controller, and the industrial 18 - 32V<sub>DC</sub> wide range power support makes this product an excellent option for Factory and Machine Automation display solutions.

### Specifications

#### General

- **Button Controls** OSD control pad on rear side with lockable function
- **Certification** BSMI, CCC, CE, FCC Class B, UL
- **Dimensions (WxHxD)**
  - 5152G: 449.92 x 315.63 x 50.5 mm (17.71" x 12.43" x 2")
  - 5172G: 481.9 x 355.9 x 55 mm (18.97" x 14.01" x 2.17")
  - 5192G: 481.93 x 384.6 x 59 mm (18.97" x 15.14" x 2.32")
- **Enclosure**
  - Front panel: Aluminum and flat-sealed
  - Rear cover: Anti-rust coating
- **Mounting** Panel, wall, desktop, VESA arm, or 19" rackmount
- **Power Input**
  - Phoenix Jack - 18 ~ 32V<sub>DC</sub> input
  - Optional external 47 W power adapter, with AC 100 V ~ 240 V input and DC +19 V @ 4.7A output
- **Power Consumption** 19W+20%, 25W+20%, 34W+20%
- **USB** Front USB access for extension
- **Video Port** Display port
- **Weight (Net)** 6 kg (13.22 lbs)/8 kg (17.63 lbs)/10 kg (22.04 lbs)

#### LCD Display

- **Display Type** XGA/SXGA/SXGA TFT LCDs
- **Display Size** 15"/17"/19"
- **Max. Resolution** 1024 x 768/1280 x 1024/1280 x 1024
- **Max. Color** 16.2M/16.7M/16.7M
- **Viewing Angle (H/V°)** 160/140, 170/160, 178/178
- **Luminance (cd/m<sup>2</sup>)** 350/350/300
- **Backlight Life (hrs)** 50,000
- **Contrast Ratio** 700:1/1000:1/2000:1

#### Touchscreen (Optional)

- **Sensor** AMT
- **Driver** Penmount 6000
- **Type** 5-wire/ 5-wire/5-wire Resistive
- **Interface** USB
- **Lifespan** 10/10/36 million with a silicone rubber of R8 finger, writing rate is by 250g at 2 times/s
- **Light Transmission** > 80%
- **OS Support** Windows 2000, XP, Vista, 7, XPe, CE and Linux
- **Power Consumption** +5 V @ 100 mA
- **Touch Resolution** Linearity

#### Environment

- **Operation Temperature** 0 ~ 50°C (32 ~ 122°F)
- **Storage Temperature** -20 ~ 60°C (-4 ~ 140°F)
- **Humidity (Storage)** 10 ~ 90% non-condensing
- **Waterproof** Front panel is NEMA4/IP65 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

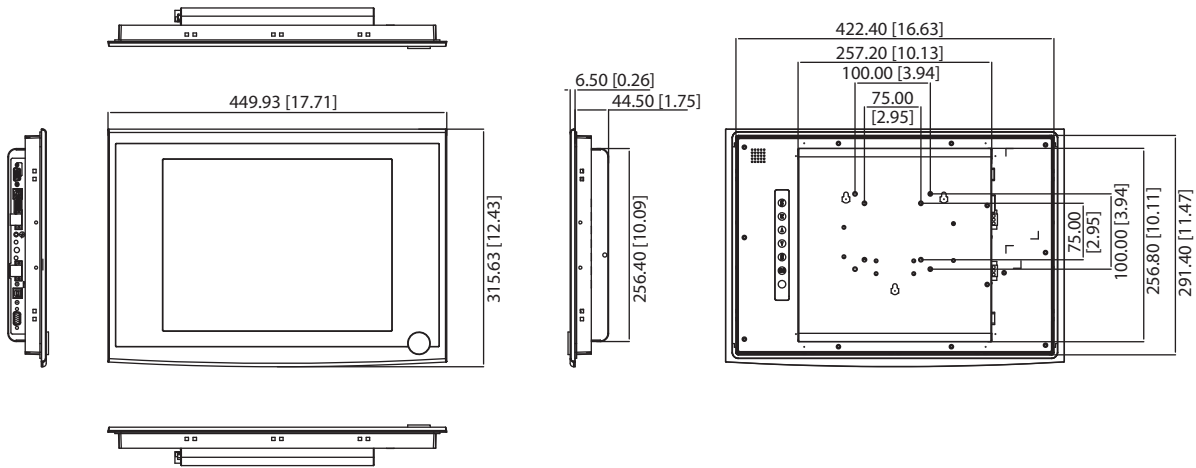
### Ordering Information

- **FPM-5192G-R3AE** 19" SXGA Ind. Monitor w/Resistive TS(USB)
- **FPM-5172G-R3AE** 17" SXGA Ind. Monitor w/Resistive TS(USB)
- **FPM-5152G-R3AE** 15" XGA Ind. Monitor w/Resistive TS(USB)

# FPM-5152G/FPM-5172G/FPM-5192G

## Dimensions

Unit: [mm]

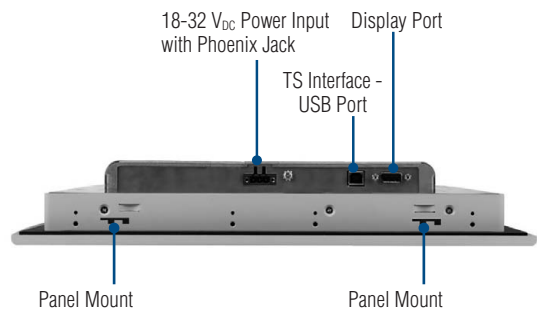


**Panel Cut-out Dimensions:** FPM-5152G: 449.92 x 315.63 x 50.5 mm (17.71" x 12.43" x 2")  
 FPM-5172G: 481.9 x 355.9 x 55 mm (18.97" x 14.01" x 2.17")  
 FPM-5192G: 481.93 x 384.6 x 59 mm (18.97" x 15.14" x 2.32")

## Accessories

- **FPM-5151G-SMKE** FPM-5151G/5171G Stand Kit
  - **FPM-5191G-SMKE** FPM-5191G Stand Kit
  - **IPPC-6152A-RMKE** IPPC-6152A/FPM-5151G Rack Mount Kit
  - **IPPC-6172A-RMKE** IPPC-6172A/FPM-5171G Rack Mount Kit
  - **IPPC-6192A-RMKE** IPPC-6192A/FPM-5191G Rack Mount Kit
  - **1702002600** Power Cable US Plug 1.8 M
  - **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
  - **1757002742** Adapter AC 90-264V 57W SPU63-105
- Note: VESA mounting screw length: M4x6mm

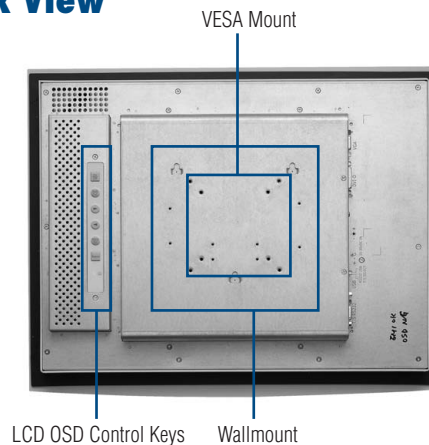
## I/O View



## Front Accessible USB Port



## Back View



- 1 Motion Control
- 2 Hazardous Location
- 3 Energy Automation
- 4 Building Automation Systems
- 5 Automation Software
- 6 Operator Panels
- 7 Automation Panel PCs
- 8 Industrial Monitors
- 9 Industrial Ethernet
- 10 Device Servers & Gateways
- 11 Serial Communication Cards
- 12 Embedded Auto. Computers
- 13 PACs
- 14 M2M I/O
- 15 Distributed Nano Controllers
- 16 RS-485 I/O
- 17 Ethernet I/O
- 18 DAQ Boards