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

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

Features

- 15" XGA or 17" / 19" SXGA TFT LED LCD with 50,000 backlight life time
- Lockable display port input interface
- Lockable OSD keys with 2 user-defined contrast/brightness settings
- Flat-sealed front panel and IP65 certified front panel
- Robust design with anti-rust chassis and aluminum die-cast front panel
- Front accessible USB connector
- USB interface for touchscreen function
- Supports industrial 18-32V_{DC} power input with Phoeni x jack
- Supports panel, wall, desktop, rack or VESA arm mounting

Introduction

The FPM-5000G series provides 15", 17" and 19" color TFT LCD with LED backlight 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 and onscreen display allows users to adjust the images on the screen. The front access USB connector provides easy access the controller, and the industrial 18-32V_{DC} wide range power support makes this product an e x cellent 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 (W x H x D)** — 5152G: 449.92 x 315.63 x 50.5 mm
  (17.71" x 12.43" x 1.99")
  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** — Phoeni x Jack 18 ~ 32V_{DC} input
  Optional e x ternal 48 W power adapter, with AC 100 V ~240 V input and DC18-32 V @ma x 3.3A output
- **USB** — Front USB access for e x tension
- **Video Port** — Lockable 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 LCD LED backlight
- **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; 170/160
- **Luminance (cd/m²)** — 350
- **Backlight Life (hrs)** — 50,000
- **Contrast Ratio** — 700:1/1000:1 /1000:1

Touchscreen

- **Sensor** — AMT
- **Driver** — Penmount 6000
- **Type** — 5-wire Resistive
- **Interface** — USB
- **Light Transmission** — > 80%
- **OS Support** — Windows XP,Vista,7,8,XPe,CE and Linu x
- **Touch Resolution** — Linearity
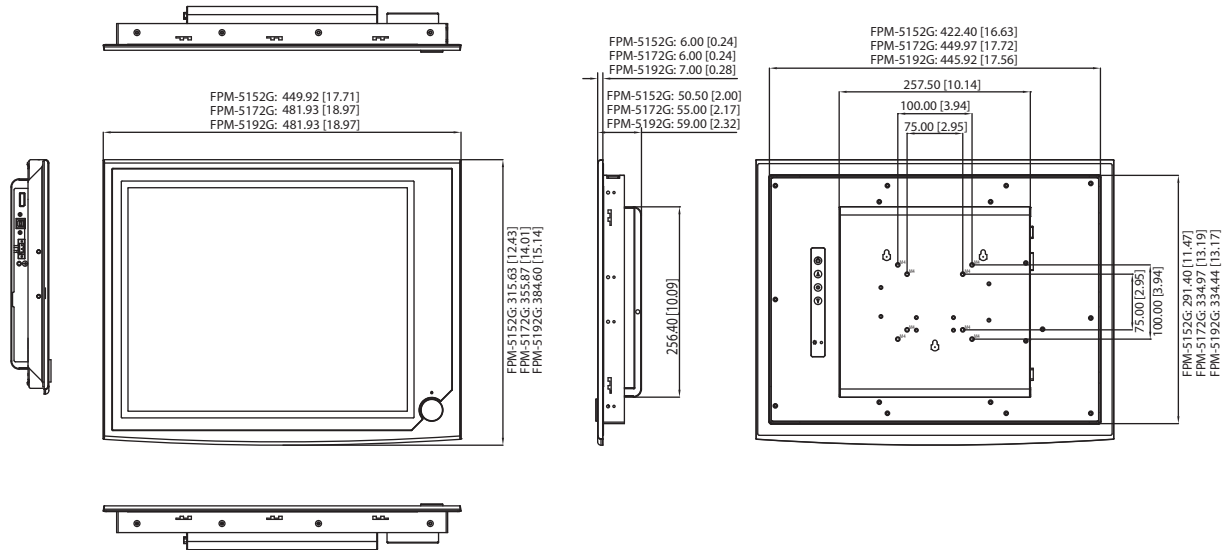
Environment

- **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 IP65 compliant
- **Vibration** — 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-5192G-R2AE** — 19" SXGA Ind. DP Monitor w/Resistive TS (USB)
- **FPM-5172G-R2AE** — 17" SXGA Ind. DP Monitor w/Resistive TS (USB)
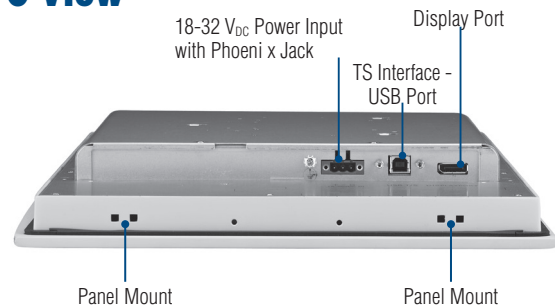- **FPM-5152G-R2AE** — 15" XGA Ind. DP Monitor w/Resistive TS (USB)

Dimensions

Unit: [mm]

FPM-5152G: 449.92 [17.71]
FPM-5172G: 481.93 [18.97]
FPM-5192G: 481.93 [18.97]

FPM-5152G: 6.00 [0.24]
FPM-5172G: 6.00 [0.24]
FPM-5192G: 7.00 [0.28]

FPM-5152G: 50.50 [2.00]
FPM-5172G: 55.00 [2.17]
FPM-5192G: 59.00 [2.32]

FPM-5152G: 422.40 [16.63]
FPM-5172G: 449.97 [17.72]
FPM-5192G: 445.92 [17.56]

257.50 [10.14]
100.00 [3.94]
75.00 [2.95]

FPM-5152G: 315.63 [12.43]
FPM-5172G: 355.87 [14.01]
FPM-5192G: 384.60 [15.14]

256.40 [10.09]

75.00 [2.95]
100.00 [3.94]

FPM-5152G: 291.40 [11.47]
FPM-5172G: 334.97 [13.19]
FPM-5192G: 334.44 [13.17]

Panel Cut-out Dimensions: **FPM-5152G: 424 x 293 (16.69" x 11.54")**
FPM-5172G: 454 x 338 (17.87" x 13.31")
FPM-5192G: 454 x 338 (17.87" x 13.31")

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
- **1757002321**   ADAPTER 100-240V 63W 24V 2.62A IPU63-108 SINPRO

Note: VESA mounting screw length: M4 x 10mm

I/O View

18-32 V_{DC} Power Input with Phoeni x Jack

Display Port

TS Interface - USB Port

Panel Mount

Panel Mount

Front Accessible USB Port

Back View

VESA Mount

LCD OSD Control Keys   Wallmount