FPM-212
FPM-215
FPM-217

12" XGA/15" XGA/17" SXGA Industrial Monitors with Resistive Touch Control, Direct HDMI, DP, and VGA Ports

Features

- 12" XGA/17" SXGA TFT LED LCD with 50,000 backlight lifetime
- 15" XGA TFT LED LCD with 70,000 backlight lifetime
- Direct HDMI, DP and VGA input interfaces
- Anti-glare screen with tempered glass
- Robust system with Die-casting aluminum chassis and IP66-rated aluminum alloy front bezel
- Lockable I/O connectors
- Slim design enables easy installation
- Supports various mount options: panel, desktop, and VESA arm

Introduction

In IIoT and Industry 4.0, more and more customers need data to be visualized to help process management and decision making. The FPM-200 series is an industrial-grade monitor with sleek, simple lines and a true-flat touchscreen. Equipped with durable resistive touch control and an IP66-rated front bezel, FPM-200 series is designed for intuitive operation in industrial environments such as smart factory and machine automation display applications.

Specifications

General

- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)** FPM-212: 311.8 x 238.0 x 53 mm
  (12.27 x 9.37 x 2.08 in)
  FPM-215: 383.2 x 307.3 x 53.20 mm
  (15.08 x 12 x 2.09 in)
  FPM-217: 410.4 x 343.4 x 54 mm
  (16.15 x 13.51 x 2.12 in)
- **Enclosure** Front panel: Die cast magnesium alloy
  Rear cover: Die-casting aluminum
- **Mount Options** Stand, Wall, Panel and VESA arm (75 x 75mm)
- **Power Input** External 36 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 3 A output (included)
- **Power Consumption** 15 W + 20%
- **Video Port** HDMI, DP, and VGA
- **Weight (Net)** 3.2 kg / 4.6 kg / 5.4 kg

LCD Display

- **Display Type** XGA/XGA/SXGA TFT LCD
- **Display Size** 12"/15"/17"
- **Max. Resolution** 1024 x 768/1024 x 768/1280 x 1024
- **Max. Color** 16.2M/16.2M/16.7M
- **Viewing Angle (H/V °)** 178/178, 176/176, 170/170
- **Luminance (cd/m²)** 600/300/250
- **Backlight Life** 50,000/70,000/50,000 hr
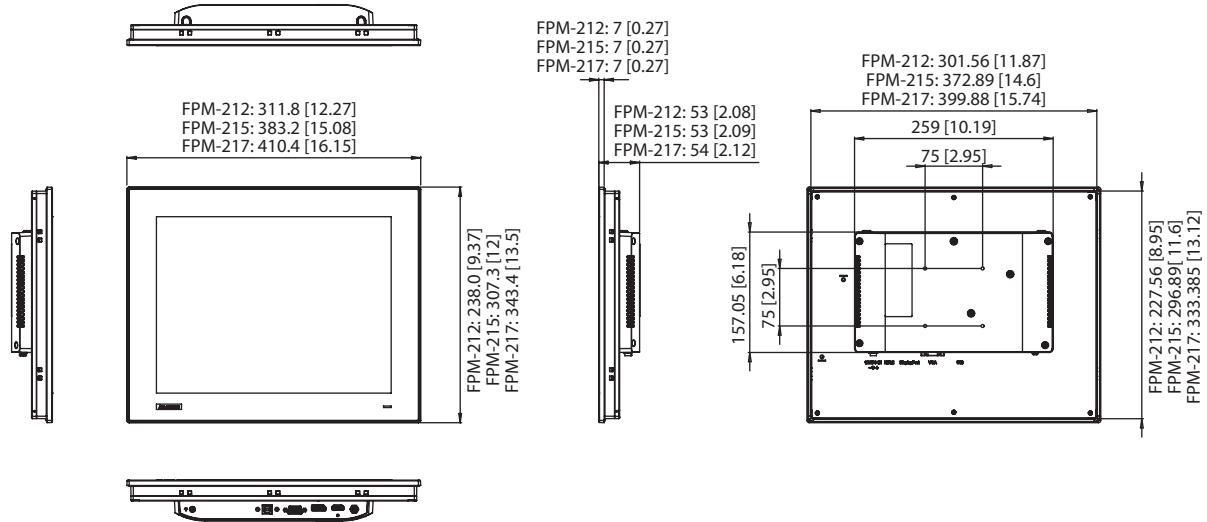- **Contrast Ratio** 1000:1 / 2000:1 / 1000:1

Touchscreen

- **Type** 5-wire analog resistive
- **Interface** USB
- **Light Transmission** Above 75%
- **OS Support** Windows XP, Vista,7, 8,10,XPe and Linux

Environment

- **Operating Temperature** 0 ~ 50 °C (32 ~ 122 °F)
- **Storage Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Humidity (Storage)** 10 ~ 90% non-condensing
- **IP Rating** IP-66 graded front panel
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Dimensions

Unit: mm

FPM-212: 7 [0.27]
FPM-215: 7 [0.27]
FPM-217: 7 [0.27]

FPM-212: 311.8 [12.27]
FPM-215: 383.2 [15.08]
FPM-217: 410.4 [16.15]

FPM-212: 53 [2.08]
FPM-215: 53 [2.09]
FPM-217: 54 [2.12]

FPM-212: 301.56 [11.87]
FPM-215: 372.89 [14.6]
FPM-217: 399.88 [15.74]

259 [10.19]

75 [2.95]

FPM-212: 238.0 [9.37]
FPM-215: 307.3 [12]
FPM-217: 343.4 [13.5]

157.05 [6.18]

75 [2.95]

FPM-212: 227.56 [8.95]
FPM-215: 296.89 [11.6]
FPM-217: 333.385 [13.12]

Panel Cutout Dimensions: **FPM-212: 303 x 229 mm (11.93 x 9.02 in)**
FPM-215: 374.5 x 298.5 mm (14.74 x 11.75 in)
FPM-217: 401.3 x 334.8 mm (15.8 x 13.18 in)

Ordering Information

- **FPM-212-R8AE**   12" XGA Ind Monitor w/Resistive TS
- **FPM-215-R8AE**   15" XGA Ind Monitor w/Resistive TS
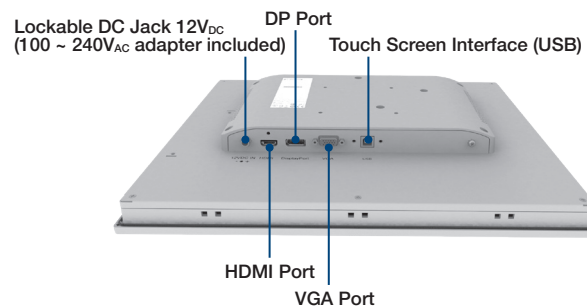- **FPM-217-R8AE**   17" SXGA Ind Monitor w/Resistive TS

Optional Accessories

- **1700001524**   Power Cable US Plug, 1.8m
- **170203183C**   Power Cable EU Plug, 1.8m
- **170203180A**   Power Cable UK Plug, 1.8m
- **1700008921**   Power Cable JP Plug, 1.8m
- **1700019146**   Power Cable China/Australia Plug, 1.8m

I/O View

Lockable DC Jack 12V$_{DC}$
(100 ~ 240V$_{AC}$ adapter included)

DP Port

Touch Screen Interface (USB)

HDMI Port

VGA Port

Front View

Rear View

Power adapter mounting bracket

Power Adaptor

VESA Mount