FPM-212
FPM-215
FPM-217
FPM-219

12" XGA/15" XGA/17" SXGA/19" 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/19" SXGA 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) FPM-219: 454 x 379.8 x 51.5 mm (17.87 x 14.95 x 2.03 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	FPM-2XX-R8AE : External 36 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 3 A output (included) FPM-2XX-R9AE: Terminal Block: 24 V_{DC} input
Video Port	HDMI, DP, and VGA
Weight (Net)	3.2 kg / 4.6 kg / 5.4 kg / 6.2 kg

Power Consumption

FPM-212-R8AE	17.91(idle), 19.01(Max)
FPM-215-R8AE	14.69(idle), 15.32(Max)
FPM-217-R8AE	12.04(idle), 14.56(Max)
FPM-212-R9AE	16.65(idle), 17.51(Max)
FPM-215-R9AE	14.19(idle), 14.75(Max)
FPM-217-R9AE	11.92(idle), 14.19(Max)
FPM-219-R9AE	14.19(idle), 15.53(Max)

LCD Display

Display Type	XGA/XGA/SXGA/SXGA TFT LCD
Display Size	12"/15"/17"/19"
Max. Resolution	1024 x 768/1024 x 768/1280 x 1024/1280 x 1024
Max. Color	16.2M/16.2M/16.7M/16.7M
Viewing Angle (H/V °)	178/178, 176/176, 170/160,170/160
Luminance (cd/m²)	600/300/250/350
Backlight Life	50,000/70,000/50,000/70,000 hr
Contrast Ratio	1000:1 / 2000:1 / 1000:1/1000:1

Touchscreen

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

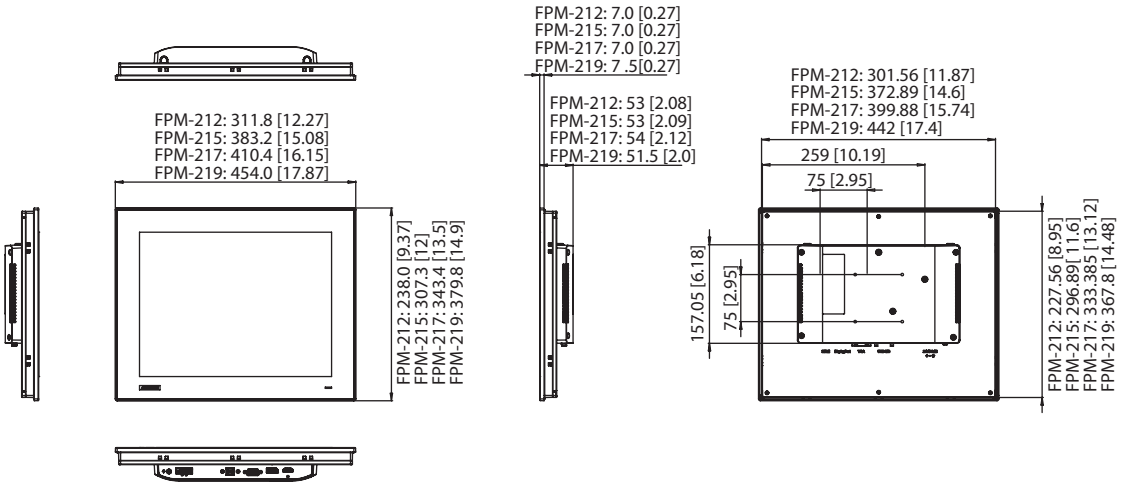
Environment

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)

All product specifications are subject to change without notice.

Dimensions

Unit: mm



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)
FPM-219: 443.5 x 369.3 mm (17.46 x 14.53 in)

Ordering Information

- **FPM-212-R8AE** 12.1" 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
- **FPM-212-R9AE** 12.1" XGA Ind. Monitor, w/Resistive TS (24 V_{DC})
- **FPM-215-R9AE** 15 XGA Ind. Monitor,w/Resistive TS(24 V_{DC})
- **FPM-217-R9AE** 17" SXGA Ind. Monitor,w/Resistive TS(24 V_{DC})
- **FPM-219-R9AE** 19" SXGA Ind. Monitor,w/Resistive TS(24 V_{DC})

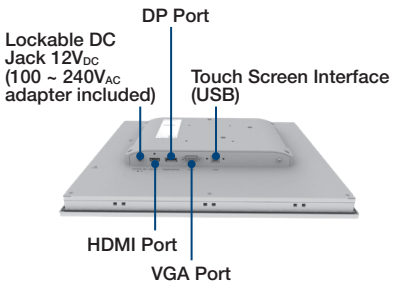
Optional Accessories

- **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
- **FPM-1000T-SMKE** Desktop/Wall Mounting kit for FPM series

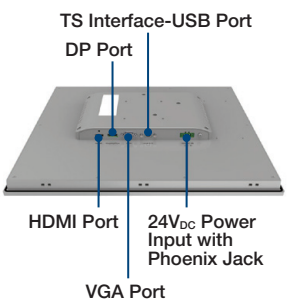
Front View

I/O View

I/O View (12VDC)

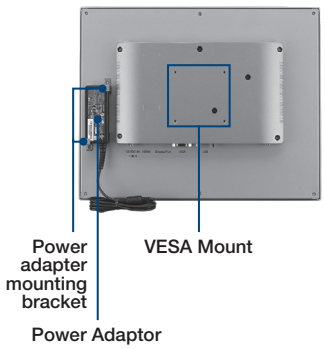
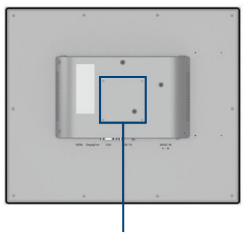


I/O View (24VDC)



Rear View

Rear View (12VDC)



Rear View (24VDC)