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, UL, CB
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, 178/178,170/160
Luminance (cd/m²)	600/300/250/350
Backlight Life	50,000/70,000/50,000/50,000 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, 8,10,11, 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)

Ordering Information

FPM-212-R8AE	12.1" XGA Ind. Monitor, w/Resistive TS (Made in China)
FPM-212-R8AU	12.1" XGA Ind. Monitor, w/Resistive TS (Made in Taiwan)
FPM-215-R8AE	15" XGA Ind. Monitor,w/Resistive TS (Made in China)
FPM-215-R8AU	15" XGA Ind. Monitor,w/Resistive TS (Made in Taiwan)
FPM-217-R8AE	17" SXGA Ind. Monitor,w/Resistive TS (Made in China)
FPM-217-R8AU	17" SXGA Ind. Monitor,w/Resistive TS (Made in Taiwan)
FPM-212-R9AE	12.1" XGA Ind. Monitor, w/Resistive TS (24 V_{DC}) (Made in China)
FPM-212-R9AU	12.1" XGA Ind. Monitor, w/Resistive TS (24 V_{DC}) (Made in Taiwan)
FPM-215-R9AE	15" XGA Ind. Monitor,w/Resistive TS(24 V_{DC}) (Made in China)
FPM-217-R9AE	17" SXGA Ind. Monitor,w/Resistive TS(24 V_{DC}) (Made in China)
FPM-219-R9AE	19" SXGA Ind. Monitor,w/Resistive TS(24 V_{DC}) (Made in China)

Optional Accessories

12VDC version Power cord

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

24VDC version Power cord and adapter

1702002600	Power Cable US Plug 1.8 M
1702002605	Power Cable EU Plug 1.8 M
1702031801	Power Cable UK Plug 1.8 M
1700000596-11	Power Cable China/Australia Plug 1.8 M
PWR-247-DE	Adapter 100-240V 60W 24V 2.5A
FPM-200W-ADKE	Adapter bracket for FPM-200W (Note: Only 17" and 19" supported)

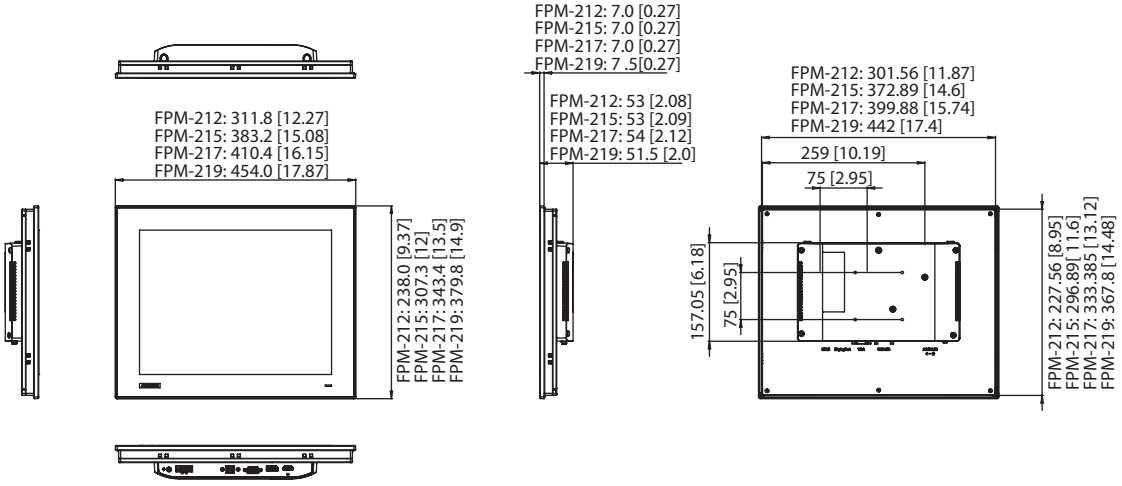
Mounting kit

FPM-1000T-SMKE	Desktop/Wall Mounting kit for FPM series
PPC-174T-WL-MTE	Wall mount kit A800B
PPC-ARM-A03	ARM VESA Standard (A-CLEVER)
PPC-STAND-A1E	Stand mounting kit
FPM-715-RMKE	FPM-715 Rack-Mount Kit (Note: Only 15" supported)
FPM-717-RMKE	FPM-717 Rack-Mount Kit (Note: Only 17" supported)

All product specifications are subject to change without notice.
Last updated: 18-Jul-2025

Dimensions

Unit: mm



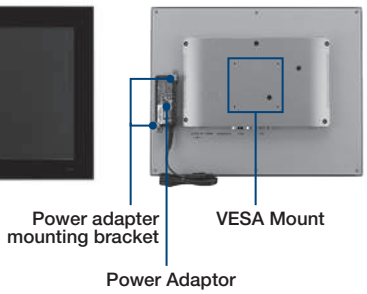
Panel Cutout Dimensions: **FPM-212: 303 x 229 mm (11.93 x 9.02 in)**
FPM-215: 374.5 x 298.5 mm (14.74 x 11.75 in)
FPM-217: 401.3 x 334.8 mm (15.8 x 13.18 in)
FPM-219: 443.5 x 369.3 mm (17.46 x 14.53 in)

Front View

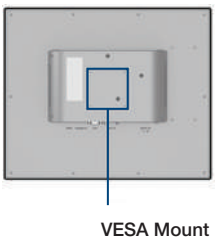


Rear View

Rear View (12VDC)

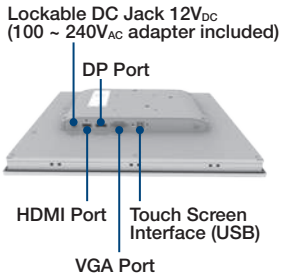


Rear View (24VDC)

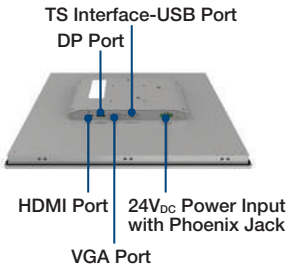


I/O View

I/O View (12VDC)



I/O View (24VDC)



Packing List

Item	Part No.	Description	Qty	Note
Adapter	96PSA-A36W12W7-5	ADP A/D 100-240V 36W 12V C6 LOCK DC JACK 62368	1	$12V_{DC}$ only
Terminal Block	1652007930-01	Plug-In Block 1x3P/5.08mm/PA66/F/VA/Sn/GR/H15.0	1	$24V_{DC}$ only
Cable lock for HDMI	1990022422S000	Fixed rail 71.3Lx6.2W mm YJC-64C for UBC-DS31	1	
Cable lock for HDMI	1990022423S000	Fixed ring DIA:7.5-8.5 FWM-8K for UBC-DS31	1	
Clamper	1962055040	CLAMPER PPC-55 M1632611 A2	8	15"/17": 10pcs 19": 12pcs
Clamper screw	1935042520	Screw M4x25L R/S D=8.3 H=2.5 (2+) ST BZn	8	
GND cable	1703011001-11	A Cable G-TEM 4.3 100CM C=GR/Y	1	
USB touch Cable	1700017851-01	M Cable USB-A 4P(M)/USB-B 4P(M) 169CM (BK)	1	
VGA Cable	1700021332-11	M CABLE D-SUB 15P(M)/D-SUB 15P(M) 180CM VESA B1	1	
Adapter bracket	1960097638N000	Bracket PWR AD for FPM-200	2	15"/17" $12V_{DC}$ only
Adapter bracket screw	1930001361	Screw M3x4L S/S D=5 H=1.2 (2+) ST Ni NK	2	15"/17" $12V_{DC}$ only