FPM-715W
FPM-721W
FPM-724W

15.6"/21.5"/23.8" Full HD Industrial Monitor with P-CAP Touch Control, Direct HDMI, DP and VGA Ports

Features

- 15.6"/21.5"/23.8" Full HD TFT LED LCD with true-flat touchscreen
- 16:9 wide screen aspect ratio, increases viewing area by 40%
- Supports 10-point multi-touch control via USB interface in Windows 7/8/10 OS
- Slim design enables easy installation
- Supports various mount options: panel, desktop, and VESA arm
- Touchscreen with reliable glass surface and P-CAP touch control
- Robust system with Die-casting aluminum chassis and IP66-rated aluminum alloy front bezel
- Lockable I/O connectors
- Supports various mount options: panel, wall, desktop, rack or VESA arm mounting

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-715W/FPM-721W/FPM-724W are industrial-grade, widescreen monitor with sleek, simple lines and a true-flat touchscreen. Equipped with P-CAP 10-point multi-touch control and an IP66-rated front bezel, FPM-715W series is specifically designed for industrial applications. Moreover, FPM-715W/FPM-721W support a wide operating temperature range (-20 ~ 60 °C/-4 ~ 140 °F) and various mount options to make these monitors ideal for factory and machine automation display applications.

Specifications

General

- **Certification**: BSMI, CCC, CE, FCC Class A, UL, CB
- **Dimensions (W x H x D)** FPM-715W: 419.7 x 269 x 52 mm (16.52" x 10.59" x 2.04")
  FPM-721W: 558.4 x 349.8 x 53.2 mm (21.9" x 13.7" x 2.09")
  FPM-724W: 595.9 x 374.1 x 53 mm (23.4" x 13.7" x 2.08")
- **Enclosure**: Front panel: Die-casting aluminium, Rear cover: Die-casting aluminium
- **Mount**: Options Stand, Wall, Panel and VESA arm (75 x 75mm)
- **Power Input**: Terminal Block: 24V$_{DC}$ ± 20% input
- **Video Port**: HDMI, DP, and VGA
- **USB**: Rear I/O USB 2.0 type A
- **Weight (Net)**: 4kg (8.82 lb) / 7kg (15.43 lb)/ 7.8kg (17.20 lb)

LCD Display

- **Display Type**: Full HD TFT LED LCD
- **Display Size**: 15.6"/21.5"/23.8"
- **Max. Resolution**: 1920 x 1080 / 1920 x 1080 /1920 x 1080
- **Max. Color**: 16.7M
- **Viewing Angle (H/V)°**: 160/160, 178/178, 178/178
- **Luminance (cd/m²)**: 450/350/350
- **Backlight Life (hrs)**: 50,000/30,000/30,000
- **Contrast Ratio**: 500:1/1000:1/1000:1

Touchscreen

- **Type**: Projected capacitive touch
- **Interface**: USB
- **OS Support**: Windows® 7, 8, 10, 11, XPe, CE and Linux
- **Hardness**: 7H
- **Multi Touch**: 10 points, USB interface in Win 7/8/10, Linux
- **Touch Surface**: Anti Glare (FPM-721W/FPM-724W)

Environment

- **Operating Temperature**: -20 ~ 60 °C (-4 ~ 140 °F)
  0 ~ 50 °C (32 ~ 122 °F) (FPM-724W only)
- **Storage Temperature**: -30 ~ 70 °C (-22 ~ 158 °F)
- **Relative Humidity**: Operating, 95% RH @ 40 °C, Non-Condensing
  Non-Operating, Operating, 95% RH @ 60 °C, Non-Condensing
- **Waterproof**: Front Panel IP66 Compliant
- **Vibration**: 5 ~ 500 Hz, 1 Grms (Operating, Random)

Power Consumption

- **FPM-715W-P9AE**: 0.89 (Standby), 12.71 (Max)
- **FPM-721W-P9AE**: 0.155 (Standby), 34.21 (Max)
- **FPM-724W-P9AE**: 0.158 (Standby), 25.47 (Max)

Ordering Information

- **FPM-715W-P9AE**: 15.6" Full HD Ind. Monitor, w/ PCAP touch (Made in China)
- **FPM-715W-P9AU**: 15.6" Full HD Ind. Monitor, w/ PCAP touch (Made in Taiwan)
- **FPM-721W-P9AE**: 21.5" Full HD Ind. Monitor, w/ PCAP touch (Made in China)
- **FPM-721W-P9AU**: 21.5" Full HD Ind. Monitor, w/ PCAP touch (Made in Taiwan)
- **FPM-724W-P9AE**: 23.8" Full HD Ind. Monitor, w/ PCAP touch (Made in China)
- **FPM-724W-P9AU**: 23.8" Full HD Ind. Monitor, w/ PCAP touch (Made in Taiwan)

Optional Accessories

- **1702002600**: Power Cable US Plug 1.8 M
- **1702002605**: Power Cable EU Plug 1.8 M
- **1702031801-11**: 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
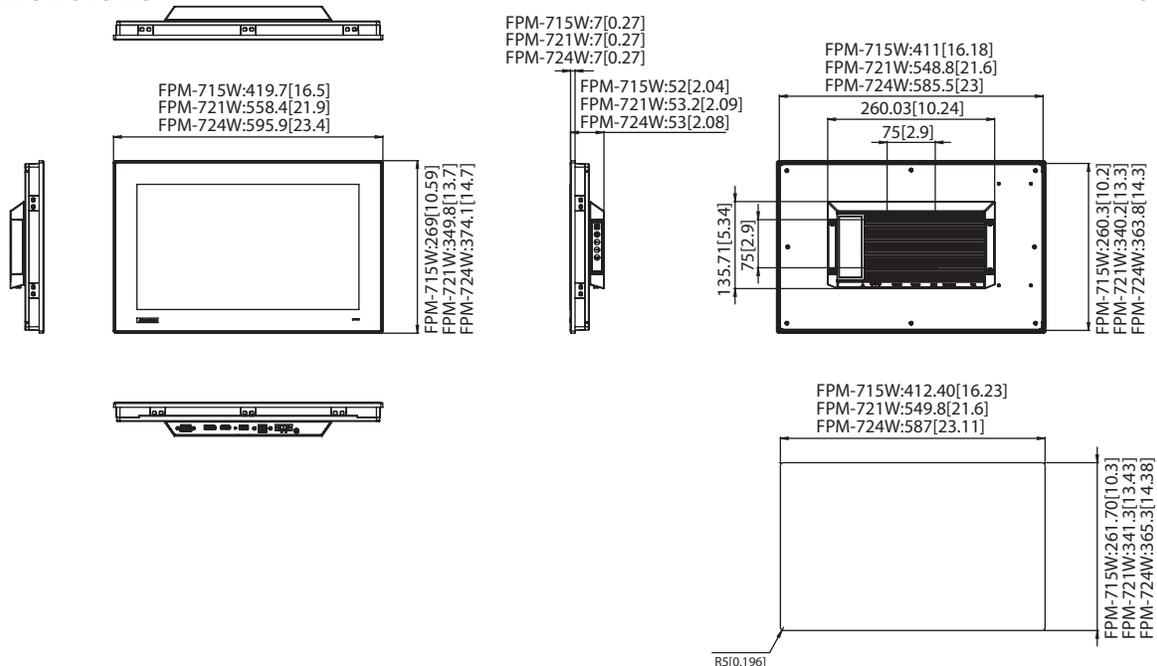- **FPM-200W-ADKE**: Adapter bracket for FPM-200W

Mounting kit

- **FPM-1000T-SMKE**: Desktop 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

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All product specifications are subject to change without notice.

Dimensions

Unit: mm

FPM-715W:7[0.27]
FPM-721W:7[0.27]
FPM-724W:7[0.27]

FPM-715W:419.7[16.5]
FPM-721W:558.4[21.9]
FPM-724W:595.9[23.4]

FPM-715W:52[2.04]
FPM-721W:53.2[2.09]
FPM-724W:53[2.08]

FPM-715W:411[16.18]
FPM-721W:548.8[21.6]
FPM-724W:585.5[23]

260.03[10.24]

75[2.9]

FPM-715W:269[10.59]
FPM-721W:349.8[13.7]
FPM-724W:374.1[14.7]

135.71[5.34]

75[2.9]

FPM-715W:260.3[10.2]
FPM-721W:340.2[13.3]
FPM-724W:363.8[14.3]

FPM-715W:412.40[16.23]
FPM-721W:549.8[21.6]
FPM-724W:587[23.11]

FPM-715W:261.70[10.3]
FPM-721W:341.3[13.43]
FPM-724W:365.3[14.38]

R5[0.196]

Panel Cutout Dimensions: FPM-715W: 412.4-0.4 x 261.7-0.4 mm (16.24 x 10.30 in)
FPM-721W: 549.8-0.4 x 341.3-0.4 mm (21.6 x 13.43 in)
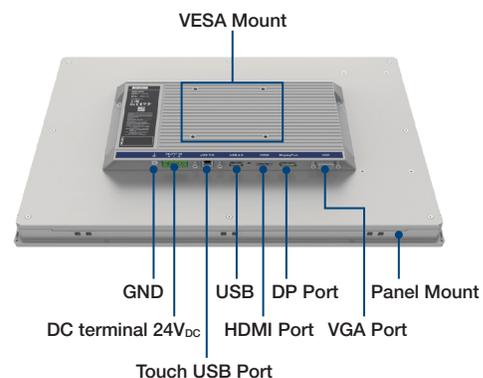**FPM-724W: 587-0.4 x 365.3-0.4 mm (23.11 x 14.38 in)**

Front View

Rear View

IO View

VESA Mount

GND | USB | DP Port | Panel Mount

DC terminal 24V$_{DC}$ | HDMI Port | VGA Port

Touch USB Port

Packing List

Item	Part No.	Description	Qty	Note
Terminal Block	1652007930-01	Plug-In Block 1x3P/5.08mm/PA66/F/VA/Sn/GR/H15.0	1	
Clamper	1962055040	CLAMPER PPC-55 M1632611 A2	10	21.5": 12pcs 23.8": 14pcs
Clamper screw	1935042520	Screw M4x25L R/S D=8.3 H=2.5 (2+) ST BZn	10	21.5": 12pcs 23.8": 14pcs
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	
HDMI and DP lockable kit	1920002225-01	Nut M3 D=6.5 H=2.5 ST lockable for UNO-2271G	4	
HDMI and DP lockable kit	1930007462-01	Screw M3*55.2L - H=6.8 lockable for UNO-2271G	1	
HDMI and DP lockable kit	1990028810S000	Lock stopper (FWI-8CM-N2B)for UNO-2271G	2	

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