

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



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)

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

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

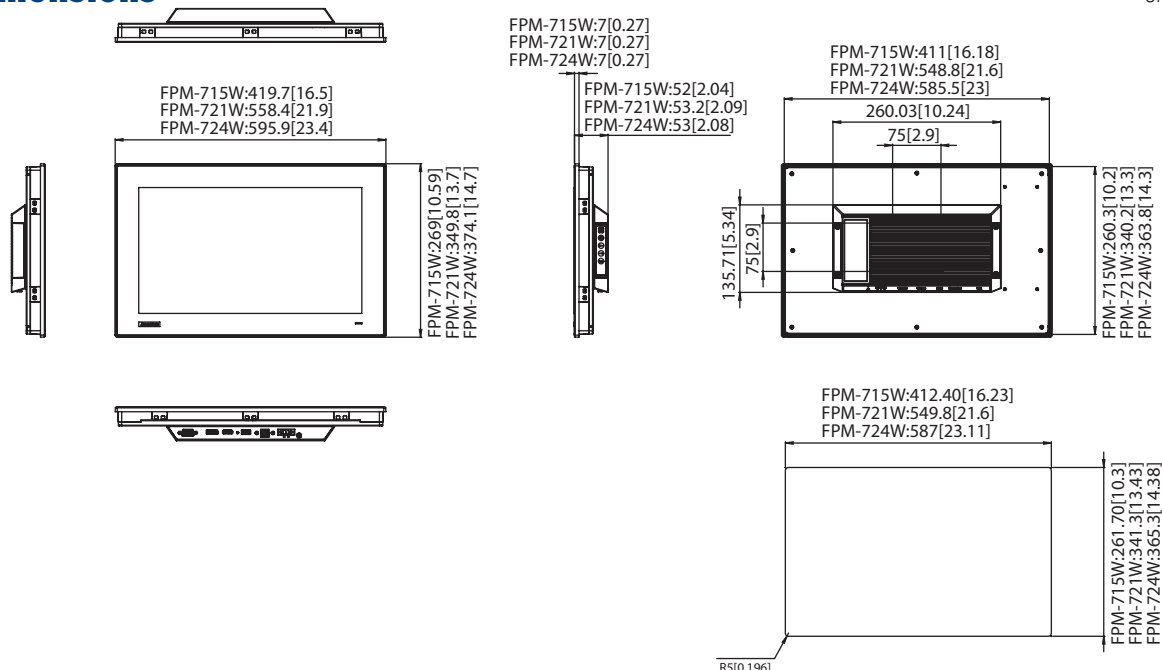
- FPM-715W-P9AE** 15.6" Full HD Ind. Monitor, w/ PCAP touch
- FPM-721W-P9AE** 21.5" Full HD Ind. Monitor, w/ PCAP touch
- FPM-724W-P9AE** 23.8" Full HD Ind. Monitor, w/ PCAP touch

Optional Accessories

- 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-1000T-SMKE** Desktop/Wall Mounting kit for FPM series
- FPM-7000G-ADKE** Mounting bracket of adapter for FPM-7000

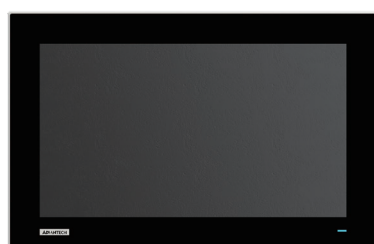
Dimensions

Unit: mm



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)

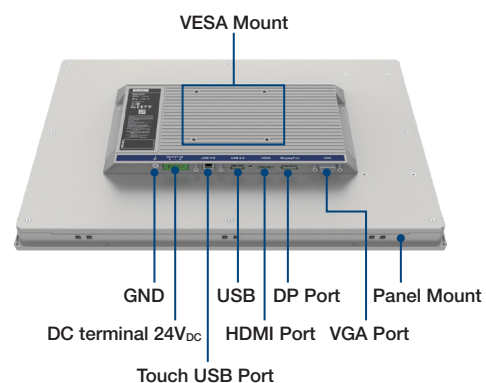
Front View



Rear View



I/O View



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*5.2L - H=6.8 lockable for UNO-2271G	1	
HDMI and DP lockable kit	1990028810S000	Lock stopper (FWI-8CM-N2B)for UNO-2271G	2	