

# 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: 24 V<sub>DC</sub> 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/m<sup>2</sup>)** 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, XP, 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
- **FPM-721W-P9AE** 21.5" Full HD Ind. Monitor, w/ PCAP touch
- **FPM-724W-P9AE** 23.8" Full HD Ind. Monitor, w/ PCAP touch

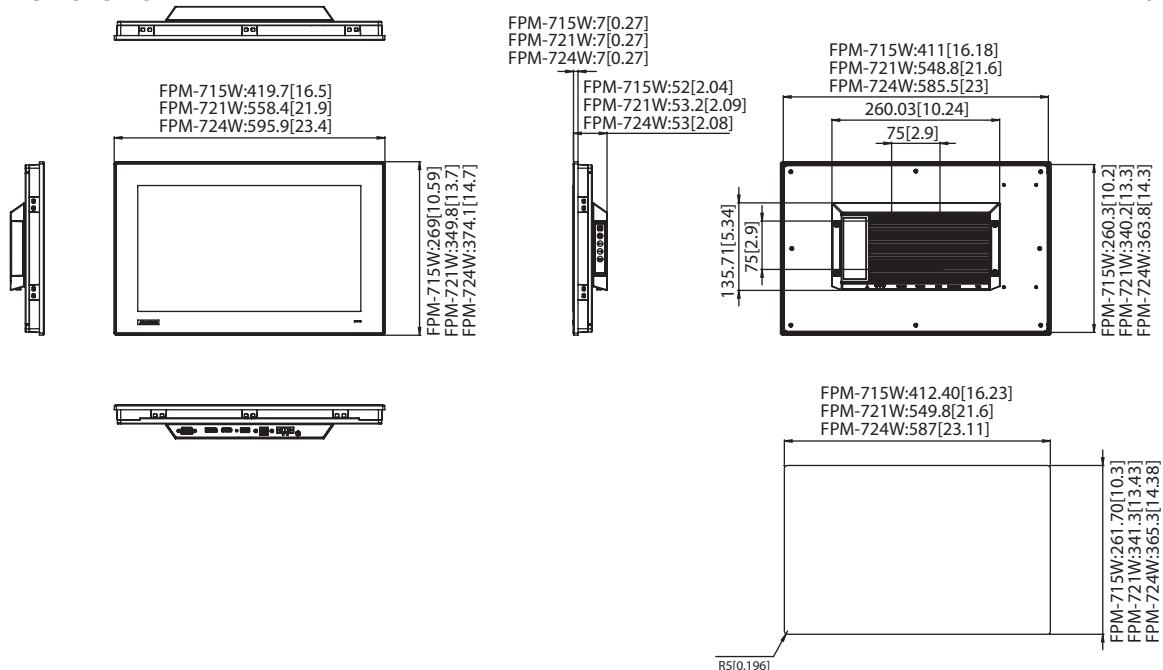
### Optional Accessories

- **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

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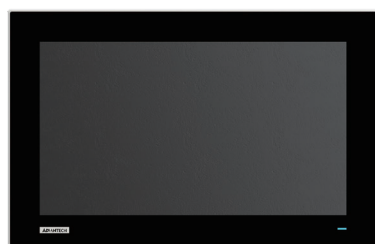
## Dimensions

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)

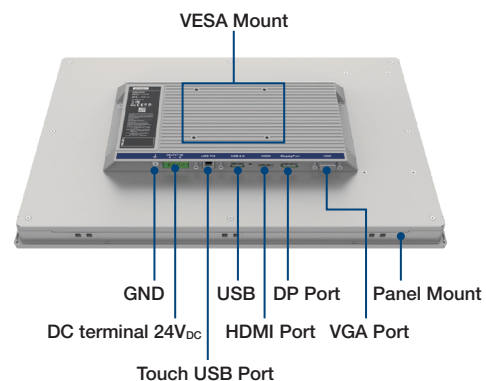
## Front View



## 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<br>23.8": 14pcs |
| Clamper screw            | 1935042520     | Screw M4x25L R/S D=8.3 H=2.5 (2+) ST BZn        | 10  | 21.5": 12pcs<br>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   |                              |