FPM-7211W

21.5" Full HD Industrial Monitor with PCAP Touch Control, Direct VGA, and DVI Ports

Features

- 21.5" Full HD TFT LED LCD
- 16:9 widescreen 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, wall, desktop, and VESA arm
- Touchscreen with reliable glass surface and PCAP touch control
- Robust system with SECC chassis and IP66-rated magnesium alloy front panel
- OSD control buttons on rear panel
- Lockable I/O connectors

Introduction

The FPM-7211W is an industrial-grade, widescreen monitor with sleek, simple lines and a true-flat touchscreen. Equipped with PCAP 10-point multi-touch control and an IP66-rated front bezel, FPM-7211W is designed for intuitive operation in harsh industrial environments. Moreover, FPM-7211W supports a range of mount options to ensure easy, single-person installation.

Specifications

General

- **OSD Controls**   OSD control buttons on rear panel
- **Certification**   BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)** 558.4 x 349.8 x 47.7 mm (21.98 x 13.77 x 1.88 in)
- **Enclosure**   Front panel: Die cast magnesium alloy
  Rear cover: SECC
- **Mount Options**   Panel, wall, desktop, VESA (MIS,100,C)
- **Power Input**   Phoenix Jack: 24 V_{DC} input
- **Power Consumption**   25 W + 20%
- **Video Port**   VGA & DVI-D port
- **Weight (Net)**   8 kg (17.6 lb)

LCD Display

- **Display Type**   Full HD TFT LED LCD
- **Display Size**   21.5"
- **Max. Resolution**   1920 x 1080
- **Max. Color**   16.7M
- **Viewing Angle (H/V °)**   178/178
- **Luminance (cd/m²)**   300
- **Backlight Life**   50,000 hr
- **Contrast Ratio**   5000:1

Touchscreen

- **Type**   Projected capacitive touch
- **Interface**   RS-232 and USB
- **Light Transmission**   Above 75%
- **OS Support**   Windows XP, Vista,7, 8,10,XPe and Linux
- **Multi Touch**   10 points, USB interface in Win 7/8.
- **Hardness**   >6H

Environment

- **Operating Temperature** 0 ~ 55 °C (32 ~ 131 °F)
- **Storage Temperature**   -20 ~ 60 °C (-4 ~ 140 °F)
- **Humidity (Storage)**   10 ~ 90% non-condensing
- **IP Rating**   Front panel is IP66 compliant
- **Vibration**   5 ~ 500 Hz, 1 Grms (Operating, Random)
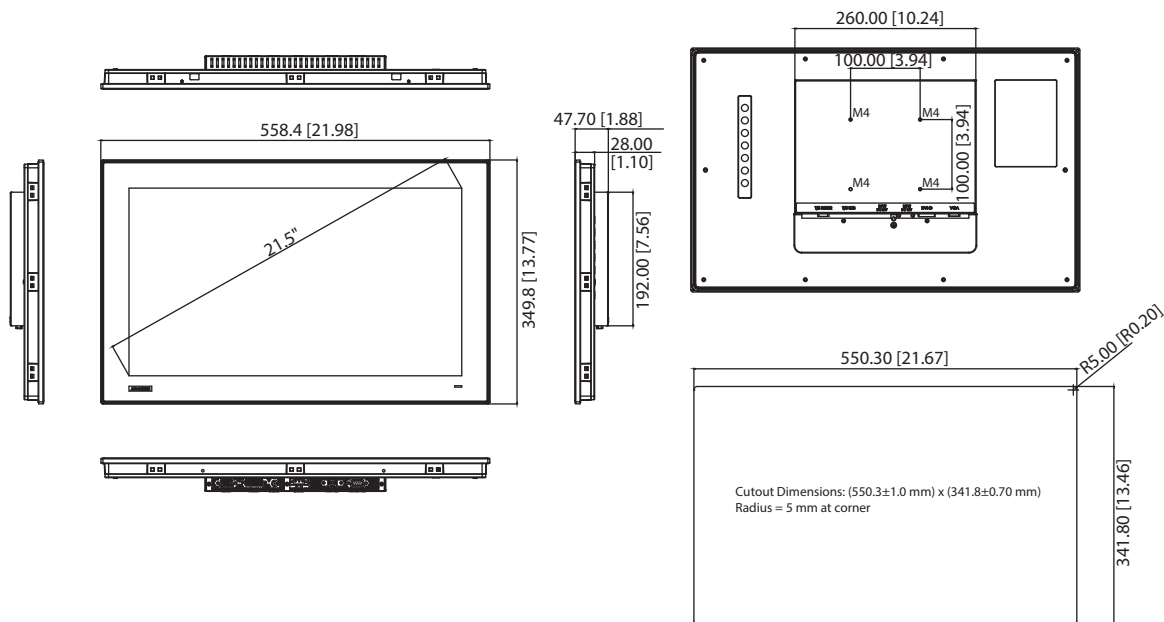
Ordering Information

- **FPM-7211W-P3AE**   21.5" Full HD Ind Monitor w/PCT TS (RS-232, USB)

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
- **FPM-1000T-SMKE**   Desktop/Wall Mounting kit for FPM series
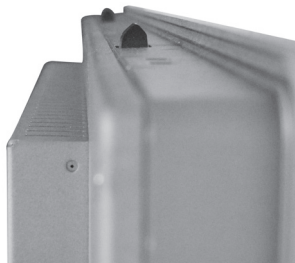- **PWR-247-DE**   Adapter 100-240V 60W 24V 2.5A

ADVANTECH   **Industrial Monitors**

All product specifications are subject to change without notice.   Last updated: 15-Jun-2021

Dimensions

Unit: mm [inch]

558.4 [21.98]

21.5"

349.8 [13.77]

47.70 [1.88]

28.00 [1.10]

192.00 [7.56]

260.00 [10.24]

100.00 [3.94]

100.00 [3.94]

M4 M4

M4 M4

550.30 [21.67]

R5.00 [R0.20]

341.80 [13.46]

Cutout Dimensions: (550.3±1.0 mm) x (341.8±0.70 mm)
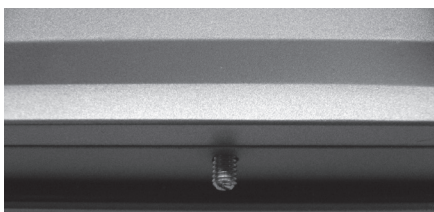Radius = 5 mm at corner

Panel Cutout Dimensions: 550.30 x 341.8 mm (21.67 x 13.46 in)

Easy Installation

Snap hook in rear cover

Stopper screw in rear cover

Rear View

Easy Installation: Snap hook x2

Easy Installation: Snap hook

TS Interface - RS232 Port

TS Interface - USB Port

24V$_{DC}$ Power Input with Phoenix Jack

12V$_{DC}$ Power Input with DC Jack

DVI Port

VGA Port

Easy Installation: Snap hook