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, 11, 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)
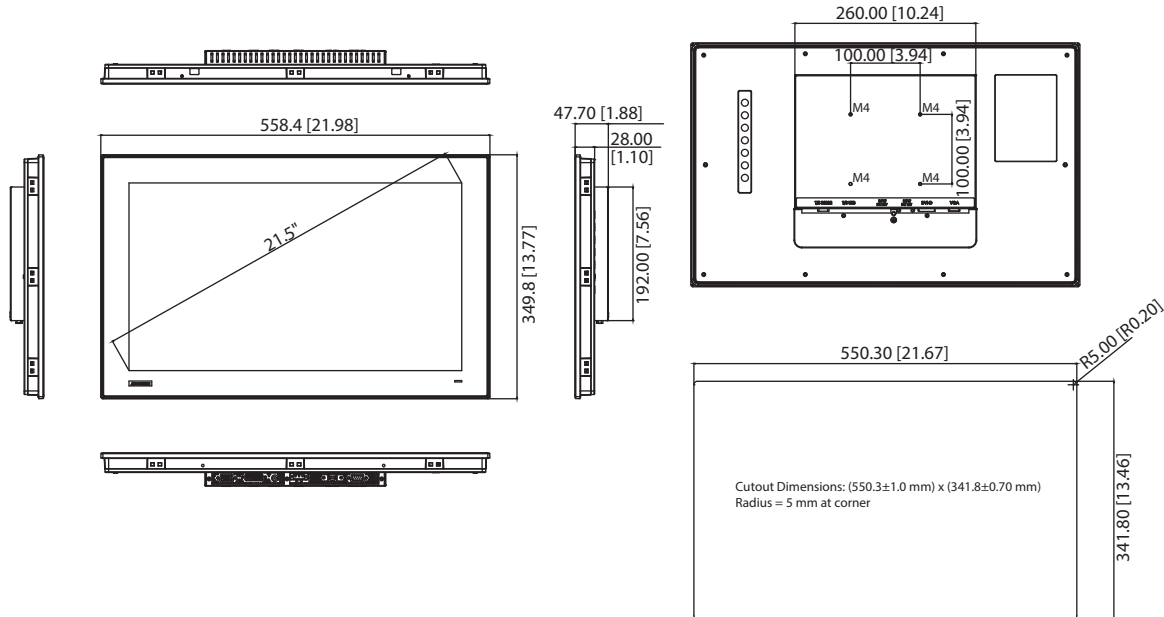
Optional Accessories

- **1702002600** — Power Cable US Plug 1.8 M
- **1702002605** — Power Cable EU Plug 1.8 M
- **1702031801-11** — 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

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)
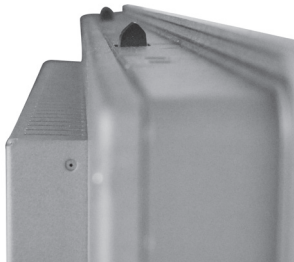- **PPC-STAND-A1E** — Stand mounting kit

Dimensions

Unit: mm

260.00 [10.24]

100.00 [3.94]

M4   M4

M4   M4

100.00 [3.94]

558.4 [21.98]

47.70 [1.88]

28.00 [1.10]

192.00 [7.56]

21.5"

349.8 [13.77]

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: 2 x Snap hook

Easy Installation: Snap hook

TS Interface - RS232 Port

TS Interface - USB Port

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

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

DVI Port

VGA Port

Easy Installation: Snap hook
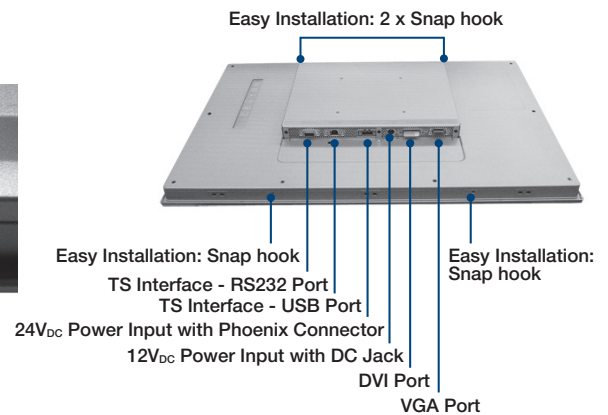
Packing list

Item	Part No.	Description	Qty
Clamper	1962055040	CLAMPER PPC-55 M1632611 A2	12
Clamper screw	1935042520	Screw M4*25L R/S D=8.3 H=2.5 + ST BZn	12
USB touch Cable	1700017851-01	M Cable USB-A(M)/USB-B(M) 180CM black color	1
RS232 cable	1700091800	M Cable D-SUB 9P(M)/D-SUB 9P(F) 183CM	1
VGA cable	1700021332-01	M CABLE D-SUB 15P(M)/D-SUB 15P(M) 180CM VESA B1	1
GND cable	1703011001-11	A Cable G-TEM. 100CM C=GR/Y PPC-55	1
Terminal Block	1652007930-01	Plug-In Block 1x3P/5.08mm/PA66/F/VA/Sn/GR/H15.0 (24V$_{DC}$ only)	1