FPM-7121T

12.1" XGA Industrial Monitor with Resistive Touch Control, Direct VGA/DP, and Wide Operating Temperature Range



Features

- 12.1" XGA TFT LED LCD with 50K backlight lifetime
- Robust system with IP66-rated aluminum front panel
- Wide operating temperature range (-20 ~ 60 °C/-4 ~ 140 °F)
- Anti-glare touchscreen with tempered glass
- Supports various mount options: panel, wall, desktop, and VESA arm
- Combo RS-232+USB interface for touchscreen functionality
- OSD control buttons on rear panel
- Lockable I/O connectors







Introduction

FPM-7000T series monitors are the first, true-flat, 4:3, industrial-grade monitors. The 5-wire resistive touchscreen is enclosed in a highly durable, die cast aluminum alloy front bezel that provides IP66-rated protection from water and dust ingress. Additionally, the FPM-7000T series monitors support a wide operating temperature range (-20 ~ 60 °C/-4 ~ 140 °F) and various mount options to ensure easy installation and support for diverse environments.

Specifications

General

OSD Controls OSD control buttons on rear panel Certification BSMI, CCC, CE, FCC Class A, UL

Dimensions (W x H x D) 311.8 x 238 x 44.5 mm (12.28 x 9.37 x 1.76 in)

Enclosure Front panel: Die cast magnesium alloy

Rear cover: SECC

Mount Options Stand, Wall, Panel and VESA 75x75 & 100x100mm

 Power Input Phoenix Jack: 24 Vnc input

 Power Consumption 15 W + 20% Video Port VGA & DP Weight (Net) 2.6 kg (5.73 lb)

LCD Display

Display Type XGA TFT LED LCD

 Display Size 12.1" Max. Resolution 1024 x 768 Max. Color 16.2M Viewing Angle (H/V °) 160/140 Luminance (cd/m²) 600 Backlight Life 50,000 hr Contrast Ratio 700:1

Touchscreen

Type 5-wire, analog resistive Interface RS-232 and USB Light Transmission Above 75%

OS Support Windows XP, Vista, 7, 8, 10, XPe and Linux

Environment

• Operating Temperature $-20 \sim 60 \,^{\circ}\text{C} \, (-4 \sim 140 \,^{\circ}\text{F})$ **Storage Temperature** $-30 \sim 70 \,^{\circ}\text{C} \, (-22 \sim 158 \,^{\circ}\text{F})$ Humidity (Storage) 10 ~ 90% non-condensing IP Rating Front panel is IP66 compliant Vibration 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

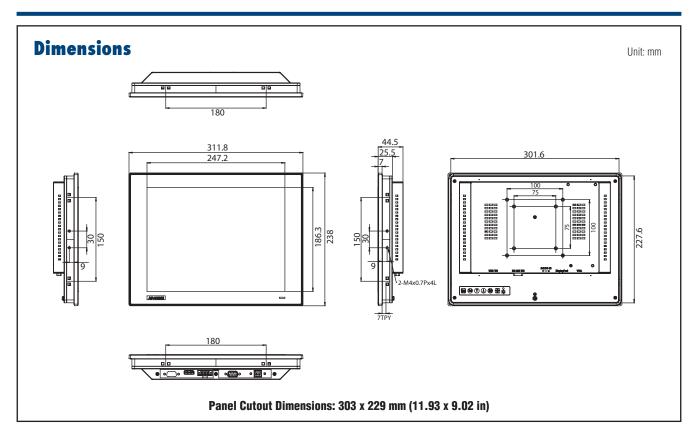
■ FPM-7121T-R3AE 12.1" XGA Ind Monitor w/Resistive TS (VGA/DP)

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-7000G-ADKE Mounting bracket of adapter for FPM-7000

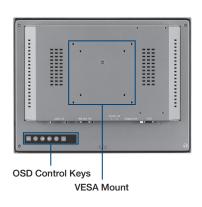
■ FPM-1000T-SMKE Stand/Wall Mount Kit



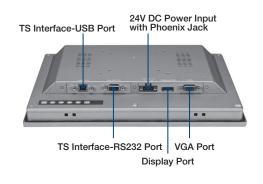
Front View



Rear View



I/O View



Packing list

Item	Part No.	Description	Qty
Clamper	1962055040	CLAMPER PPC-55 M1632611 A2	10
Clamper screw	1935042520	Screw M4*25L R/S D=8.3 H=2.5 + ST BZn	10
USB touch Cable	1700017851-01	M Cable USB-A(M)/USB-B(M) 180CM black color	1
VGA cable	1700021332-11	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
RS232 cable	1700022770-01	M cable D-SUB 9P(M)/D-SUB 9P(F) 2M DAC-ST01	1