**FPM-7121T**

12.1” XGA Industrial Monitor with Resistive Touchscreen, Direct-VGA/DP and Wide Operating Temperature Range

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**Features**
- 12.1” XGA TFT LED LCD with 50,000 backlight life time
- Robust design with IP66 compliance aluminum front panel
- Wide operating temperature support -20-60°C
- Anti-glare screen with tempered glass
- Supports Panel, Wall, Desktop, Rack or VESA arm mounting
- Combo RS-232 & USB interface for touchscreen function
- OSD control pad on rear cover
- Lockable I/O connectors

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**Introduction**

FPM-7000T series is the first true-flat design of 4:3 industrial grade monitors. To be highly durable, the FPM-7000T series is true-flat screen designed yet IP66 front protection, die-cast Al Alloy front bezel and 5-wire resistive touch. It supports wide operating temperatures -20-60°C for diverse user environments. Various mounting methods allow an easy installation in different environments.

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**Specifications**

**General**
- **OSD Controls**: OSD control on rear cover
- **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”)
- **Enclosure**: Front panel: Die-cast Magnesium alloy, Rear cover: SECC
- **Mounting**: Stand, Wall, Panel and VESA 75x75 & 100x100mm
- **Power Input**: Phoenix Jack: 24 VDC input
- **Power Consumption**: 15 W + 20%
- **Video Port**: VGA & DP
- **Weight (Net)**: 2.6kg (5.73lbs)

**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 (hrs)**: 50,000
- **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**
- **Operation Temperature**: -20 – 60°C (-4 – 140°F)
- **Storage Temperature**: -30 – 70°C (-22 – 176°F)
- **Humidity (Storage)**: 10 – 90% non-condensing
- **Waterproof**: Front panel is IP66 compliant
- **Vibration**: 5 – 500 Hz, 1 Grms (Operating, Random)
Dimensions

Panel Cut-out Dimensions: 303 x 229 mm (11.93" x 9.02")

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 Power Cable China/Australia Plug 1.8 M
- 96PSA-A60W24T2 Adapter 100-240V 60W 24V 2.5A
- FPM-7000G-ADKE Mounting bracket of adapter for FPM-7000
- FPM-1000T-SMKE Stand/Wall Mount Kit

I/O View

- TS Interface-USB Port
- 24V DC Power Input with Phoenix Jack
- TS Interface-RS232 Port
- VGA Port
- Display Port

Front View

Rear View

OSD Control Keys

VESA Mount