FPM-2150GB

15" Flat Panel Monitor with Direct-VGA Port
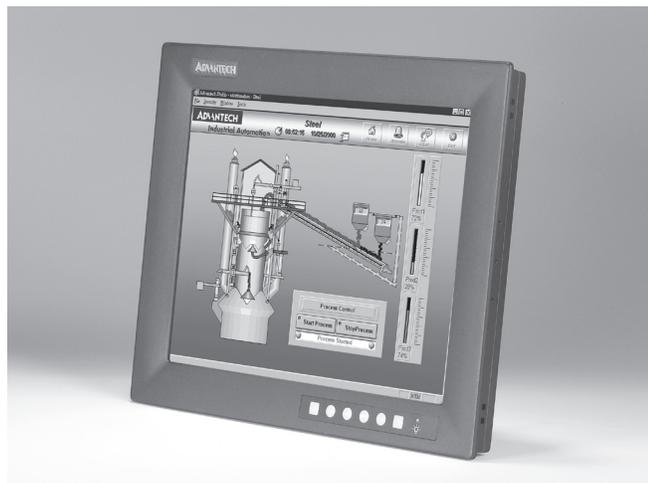
Features

- 15" XGA TFT LCD with resolution up to 1024 x 768
- Multi-scan function supports XGA, SVGA, VGA
- Front accessible display on/off switch
- Auto-recognition of input signal
- Supports panel, rack, wall mount, desktop and VESA arm
- NEMA4/IP65 compliant Al-Mg front panel
- Anti-reflective screen with tempered glass
- Hard anodic coating to prevent panel abrasion and acid corrosion

Introduction

FPM-2150G is an industrial-grade 15" TFT LCD flat panel monitor with an Al-Mg front panel, a modern appearance, and one of the most competitive prices for 15" LCD monitors on the market. The FPM-2150G is also extremely light and thin, and provides many industrial-grade features such as a NEMA4/IP65 certified front panel, stainless steel chassis, VESA mounting flexibility, and more. The FPM-2150G is especially suitable for industrial PCs such as IPC-610 or IPC-6806. This combination leads to an extremely reliable and tough system,, ready to operate in a wide variety of industrial applications.

Specifications

- **Display Interface** RGB (VGA)
- **Control** OSD (on screen display) control pads on the front panel
- **Front Panel** Al-Mg, NEMA4/IP65 compliant
- **Mounting** Panel, rack, wall mount, desktop and VESA arm
- **Dimensions (W x H x D)** 383 x 307 x 48 mm (15" x 12" x 1.9")
- **Net Weight** 3.7 kg (8.2 lb)
- **Power** External 42 W power adapter, AC 100 V ~ 240 V input, +12 V @ 3.5 A output
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Storage Humidity** 5 ~ 95 % non-condensing
- **Vibration (operating)** 5 ~ 17 Hz, double-amplitude displacement 17 ~ 500 Hz, 1.0 G peak to peak

- **CE, FCC, BSMI, CCC compliant**

Touchscreen (Optional)

- **Type** 8 wire, analog resistive
- **Resolution** Continuous
- **Light Transmission** 75%
- **Controller** RS-232 or USB 1.1 Interface
- **Power Consumption** +5V@200mA(for RS-232 interface), +5V@100mA(for USB interface)
- **OS support** Windows® 2000/XP
- **Lifespan** 1 million touches at a single point

LCD Display

- **Display Type** XGA TFT LCD
- **Display Size** 15"
- **Max. Colors** 262 K
- **Max. Resolution** 1024 x 768
- **View Angle** 140° (H), 120° (V)
- **Luminance** 250 cd/m²
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Backlight Lifetime** 40,000 hrs

- **Contrast Ratio** 500 : 1

Ordering Information

- **FPM-2150GB** Industrial slim type 15" TFT LCD with direct VGA port, black
- **FPM-2150GB-R** Industrial slim type 15" TFT LCD with direct VGA port, resistive touch screen, with RS-232 Interface, black
- **FPM-2150GB-U** Industrial slim type 15" TFT LCD with direct VGA port, resistive touch screen with USB 1.1 interface, black
- **FPM-2150RACK-MT** Mounting kit for 19" Industrial rack
- **FPM-2150DESK-MT** Mounting kit for desktop and wall

ADVANTECH   **Industrial Flat Panel Monitors**

All product specifications are subject to change without notice

Last updated : 6-Apr-2005

Dimensions

Unit: mm

FPM-215 GB

Cut out dimension 374.6 x 29 .6 mm (14.74" x 11.75")
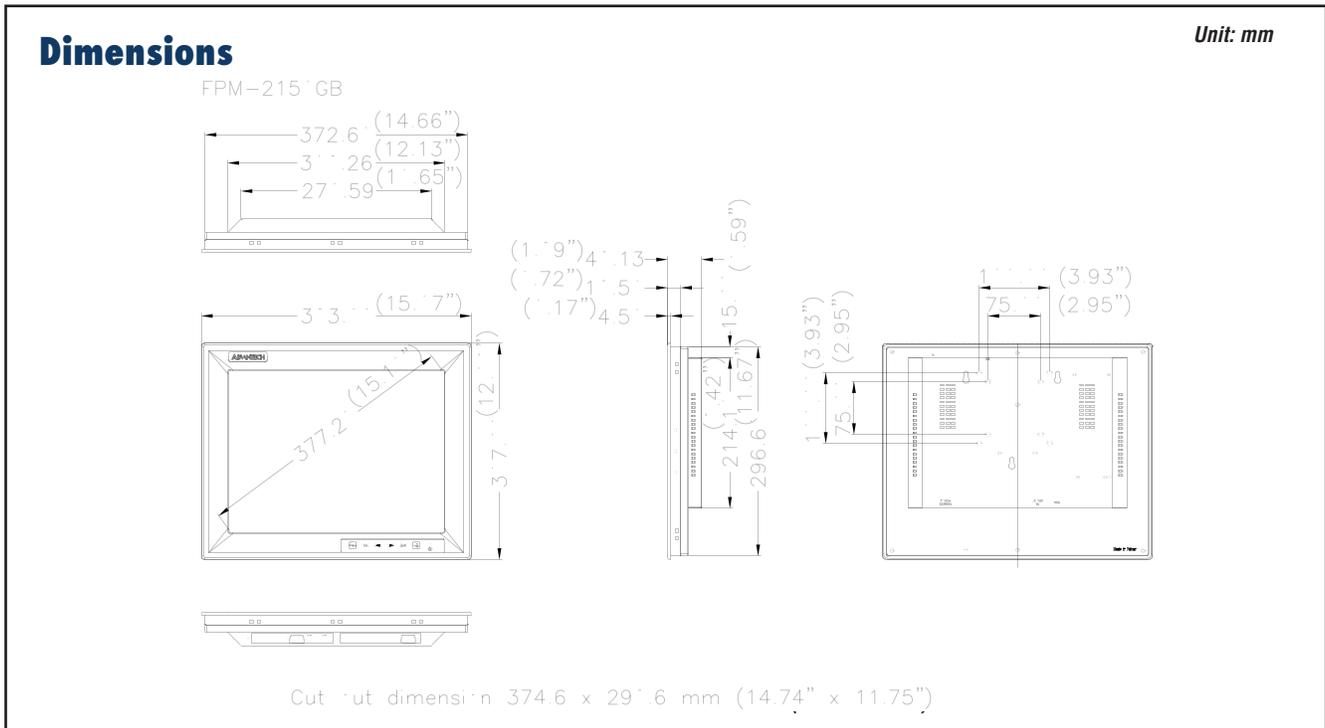
Feature Details

Commercial Price but Industrial-Grade

When users want a stable system, they always search for industrial grade PCs to guarantee reliability. Many times they also want to buy an industrial-grade monitor to make the system more stable. However, the traditional high cost of these monitors has always been a concern. The FPM-2150G is specially designed to answer these needs. Although attractively priced, the FPM-2150G still provides many industrial-grade features expected by this market.

Thin and Light Design

Compared to other industrial LCD monitors, the FPM-2150G focuses on reducing overall size, thickness and weight. This gives the FPM-2150G a more attractive and functional appearance while increasing ease of integration and installation. The thickness of FPM-2150G is only 48 mm and the weight is 3.7 kg.

Industrial-Grade Functions

The chassis of the FPM-2150G is made of steel, and the front panel is of Al-Mg that is NEMA4/IP65 compliant and offers an attractive silver finish by request. The FPM-2150G offers an optional resistive touchscreen and features Direct-VGA signal transmission to allow data viewing up to 3 m away. The convenient front On-Screen-Display function let users adjust the image easily.