FPM-2150G

Features

- 15" XGA TFT LCD with resolution up to 1024 x 768
- Robust design with aluminum front panel
- Hard anodic coating to prevent panel abrasion and acid corrosion
- Anti-reflective screen with tempered glass
- Supports stainless steel front panel (Customization)
- OSD control pad on front panel
- Supports industrial 24-48 V_{DC} power input (Optional)
- Supports tranflective LCD technology (Customization)
- Supports Panel, Wall, Desktop, Rack or VESA arm mounting
- NEMA4/IP65 Compliant
- RoHS Compliant

R33138

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

General

- **Button Controls**   OSD (Onscreen Display) control pad on front panel
- **Certification**   BSMI, CCC, CE, FCC-B
- **Dimension (W x H x D)**   383 x 307 x 48 mm (15" x 12" x 1.9")
- **Enclosure**   Front panel : Aluminum with hard anodic coating, Rear cover : SECC coating chassis
- **Mounting**   Panel, wall, desktop, VESA arm, or 19" rackmount with optional mounting kit
- **Power Input**   External 50 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 4.16 A output
- **Video Port**   VGA
- **Weight (Net)**   5.60 kg (12.34 lbs)

LCD Display

- **Display Type**   XGA TFT LCD (CPT)
- **Display Size**   15"
- **Max. Resolution**   1024 x 768
- **Max. Color**   16.2M
- **Viewing Angle (H/V)°**   140, 125
- **Luminance (cd/m²)**   250
- **Backlight Life (hrs)**   40,000
- **Contrast Ratio**   500 : 1

Touchscreen (Optional)

- **Sensor**   AMT
- **Type**   8W Resistive
- **Interface**   RS-232 or USB
- **Lifespan**   10 million with a silicone rubber of R8 finger, writing rate is by 250g at 2 times/s
- **Light Transmission**   > 80% (AMT)
- **OS Support**   (RS-232) Windows® 95/98/ME/2000/XP/CE/NT, Linux (USB) Linux, Windows CE/XP
- **Power Consumption**   +5 V @ 100 mA
- **Touch Resolution**   Linearity

Environment

- **Operation Temperature**   0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature**   -20 ~ 60° C (-4 ~ 140° F)
- **Humidity (Storage)**   10 ~ 95% non-condensing
- **Waterproof**   IEC529 IP65 (Front Panel)
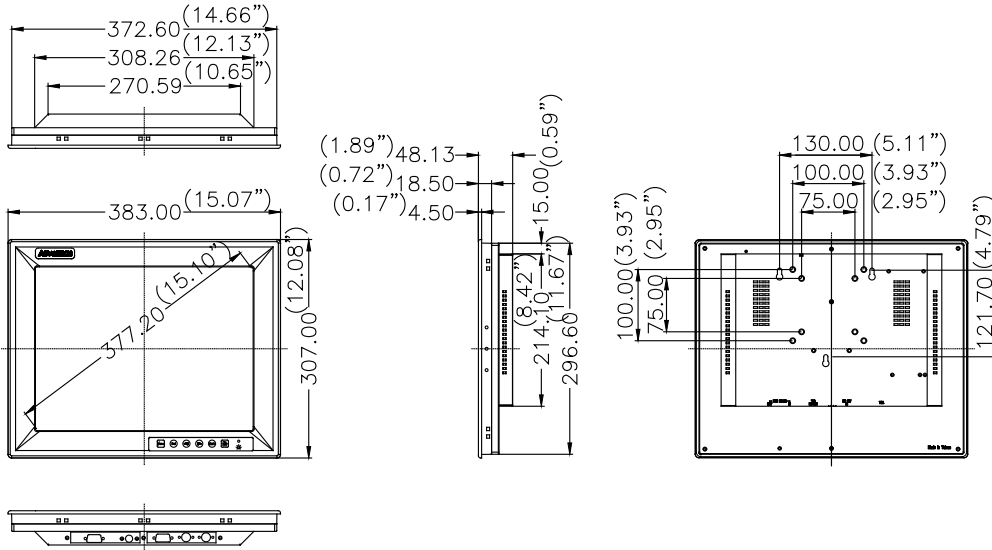- **Vibration**   5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-2150G-XCE**   Industrial 15" XGA Flat Panel Monitor
- **FPM-2150G-RCE**   FPM-2150G-XCE with Resistive Touchscreen (RS-232 interface)
- **FPM-2150G-UCE**   FPM-2150G-XCE with Resistive Touchscreen (USB interface)
- **PWR-246E**   Ind. DC to DC Converter w/24-48 V_{DC} Power Input

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ADVANTECH   **Flat Panel Monitors**

Dimensions

Unit: mm

FPM-2150G

372.60 (14.66")
308.26 (12.13")
270.59 (10.65")

383.00 (15.07")

377.20 (15.10")

307.00 (12.08")

(1.89") 48.13
(0.72") 18.50
(0.17") 4.50

15.00 (0.59")

(8.42") 214.10
(11.67") 296.60

130.00 (5.11")
100.00 (3.93")
75.00 (2.95")

100.00 (3.93")
75.00 (2.95")

121.70 (4.79")

Cut out dimension 374.6 x 298.6 mm (14.74" x 11.75")

I/O View

Touchscreen
(RS-232/USB)

Power
Connector

VGA Port

Mounting with DC Source