FPM-5151G

15" XGA Industrial Monitor with Resistive Touchscreen, Direct-VGA, and DVI Ports

NEW

Features

- 15" XGA TFT LCD with resolution up to 1024 x 768
- Direct VGA & DVI-D video input interface
- Lockable OSD keys with 2 user-defined contrast/brightness settings
- Saves 2 different user-defined contrast/brightness settings
- The flat-sealed front panel design
- Robust design with anti-rust chassis and aluminum die-cast front panel
- Combo RS-232 & USB interface for touchscreen function (optional)
- Supports industrial 10-30 V_{DC} power input
- Supports Panel, Wall, Desktop, Rack or VESA arm mounting
- Front panel NEMA4/IP65 Compliant

Introduction

FPM-5151G is a 15" color TFT LCD flat panel monitor specifically designed for industrial applications. With a viewing size as large as 15", it presents an ample display area as well as vivid and sharp images for your HMI. It features Direct-VGA & DVI-D signal transmission, which allows Any VGA control card to be used in your system. The on screen display function also allows users to adjust the images on the screen with two user's setting. The front access USB connector, let user easy to access the controller through the USB extent cable. The industrial 10-30Vdc wild ranger power source support for best Factory automation and Machine automation display solution.

Specifications

General

- **Button Controls**   OSD control pad on rear side with lockable function
- **Certification**   BSMI, CCC, CE, FCC, UL
- **Dimension (W x H x D)**   449.92 x 315.63 x 52.5 mm (17.7" x 12.4" x 2")
- **Enclosure**   Front panel: Aluminum with Flat-Sealed
Rear cover: antirust coating chassis
- **Mounting**   Panel, wall, VESA arm, or 19" stand, rackmount with optional mounting kit
- **Power Input**   Phoenix Jack - 10 ~ 30 V_{DC} input
Din Jack   - External 50 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 4.16 A output
- **USB**   Front USB access for extension
- **Video**   VGA & DVI-D port
- **Weight (Net)**   6 kg

LCD Display

- **Display Type**   XGA TFT LCD
- **Display Size**   15"
- **Max. Resolution**   1024 x 768
- **Max. Color**   16.2 M
- **Viewing Angle (H, V)°**   140, 120
- **Luminance (cd/m²)**   250
- **Backlight Life (hrs)**   50,000
- **Contrast Ratio**   500 : 1

Touchscreen (Optional)

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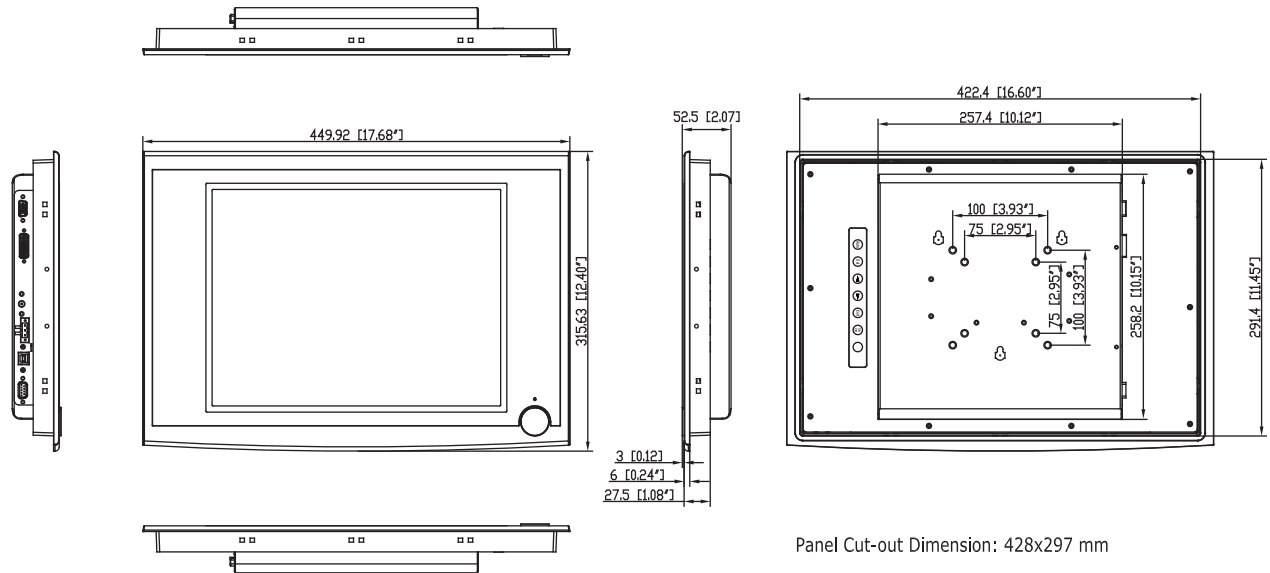- **Touch Resolution**   Linearity

Environment

- **Operation Temperature**   0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature**   -20 ~ 60° C (-4 ~ 140° F)
- **Humidity (Storage)**   10 ~ 95% non-condensing
- **Waterproof**   Front Panel NEMA4/IP65 Compliant
- **Vibration**   5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-5151G-X0AE**   15" Industrial Monitor with D-VGA & DVI-D input
- **FPM-5151G-R3AE**   15" Industrial Monitor with D-VGA & DVI-D input, Resistive Touchscreen RS-232 & USB Interface
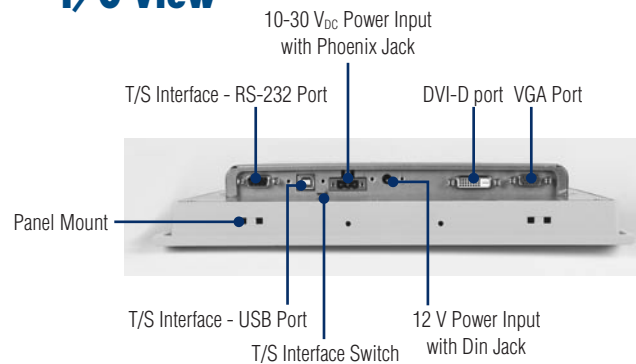
Dimensions

Unit: mm

Panel Cut-out Dimension: 428x297 mm

Accessories

- **IPPC-6152A-RMKE** IPPC-6152A/FPM-5151G Rack Mount Kit
- **FPM-5151G-SMKE** FPM-5151G/5171G Stand Kit
- **1702002600** Power Cable US Plug 1.8 M
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1702031836** Power Cable China/Australia Plug 1.8 M

I/O View

10-30 V$_{DC}$ Power Input with Phoenix Jack

T/S Interface - RS-232 Port

DVI-D port VGA Port

Panel Mount

T/S Interface - USB Port

T/S Interface Switch

12 V Power Input with Din Jack

Front Access USB Port

Back View

VESA Mount

LCD OSD Control Keys Wallmount