

# FPM-3171G

**8U Rackmount 17" SXGA Industrial Monitor with Resistive Touchscreen, Direct-VGA and DVI Ports, and Wide Operating Temperature Range**



## Features

- 17" SXGA TFT LCD with LED backlight
- Robust design with stainless steel chassis and aluminum front panel
- Anti-reflective screen with tempered glass
- OSD control pad on front panel
- Supports industrial 24V<sub>DC</sub> power input
- Supports panel, wall, desktop, rack or VESA arm mounting
- Front panel is IP65 compliant
- Supports 8U pre-drill Rackmount mounting hole

## Introduction

FPM-3171G is a 17" color TFT LCD flat panel monitor specifically designed for industrial applications. With a viewing size as large as 17", it presents a simple display area as well as vivid and sharp images for your HMI. It features direct VGA signal transmission. You can thus upgrade the displays without making changes to the existing system. The onscreen display function also makes it easy to adjust the images on the screen. The whole chassis is designed in stainless steel and the front panel is made of aluminum with front panel IP65 compliance.

## Specifications

### General

- **Button Controls** OSD (Onscreen Display) control pad on front panel
- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)** 482mm x 354.8mm x 63.9mm (18.98" x 13.97" x 2.54")
- **Enclosure** Front panel: Aluminum with coating  
Rear cover: Stainless steel chassis
- **Mounting** Panel, wall, desktop, VESA arm & 19" rackmount
- **Power Input** Phoenix Jack: 24 V<sub>DC</sub> input  
DC Jack: external 57 W power adapter, with 100 ~ 240 V<sub>AC</sub> input and 12 V<sub>DC</sub> @ 4.75 A output

Note: AC power adapter is included.

- **Power Consumption** 35 W + 20%
- **Video Port** VGA & DVI-D port
- **Weight (Net)** 9.25 kg (20.39 lbs)

### LCD Display

- **Display Type** 17" SXGA TFT LCD with LED backlight
- **Display Size** 17"
- **Max. Resolution** 1280 x 1024
- **Max. Color** 16.2 M
- **Viewing Angle (H/V°)** 170/160
- **Luminance (cd/m<sup>2</sup>)** 350
- **Backlight Life (hrs)** 50,000
- **Contrast Ratio** 1000:1

### Touchscreen (Optional)

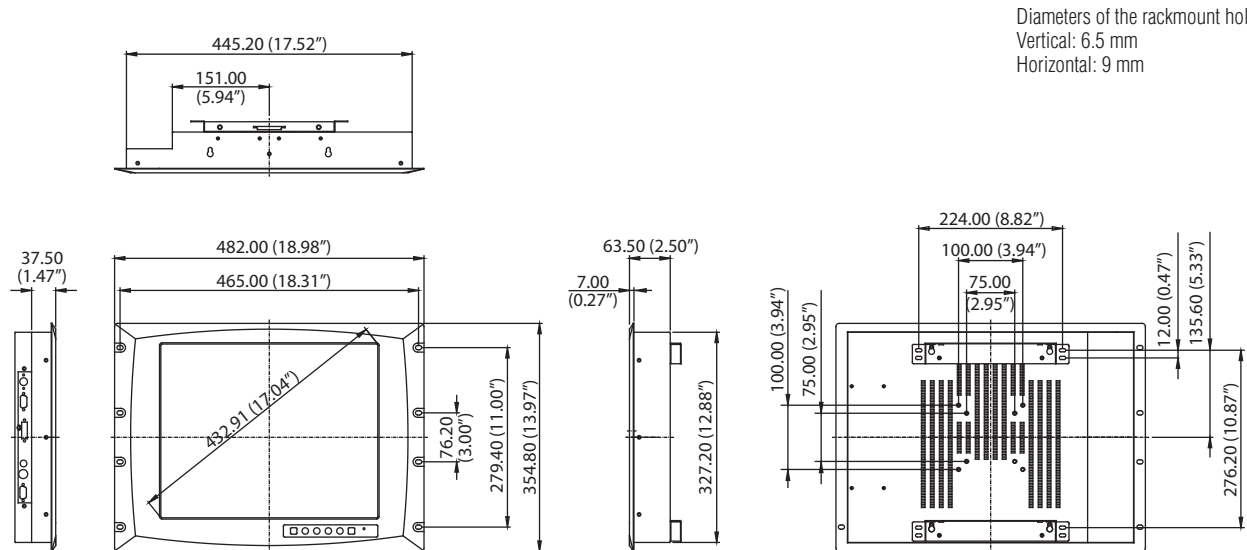
- **Type** 5-wire Resistive
- **Interface** RS-232 and USB
- **Lifespan** 35 million touches at a single point
- **Light Transmission** 80% ±5
- **OS Support** Windows XP, Vista, 7, XPe, CE and Linux
- **Power Consumption** +5 V @ 100 mA
- **Touch Resolution** Linearity

### Environment

- **Operation Temperature** -20 ~ 60°C (-4 ~ 140°F)
- **Storage Temperature** -30 ~ 60°C (-22 ~ 140°F)
- **Humidity (Storage)** 95% @ 60°C . non-condensing
- **Waterproof** Front panel is IP65 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

## Dimensions

Unit: [mm]



**Panel Cut-out Dimensions: FPM-3171G: 447.5 x 329.5 mm [17.6" x 12.98"]**

## Ordering Information

- **FPM-3171G-X0AE** 17" SXGA WT Ind. Monitor with VGA, DVI
- **FPM-3171G-R3AE** 17" SVGA WT Ind. Monitor w/Resistive TS (Combo)

## Accessories

- **PWR-246E** Ind. DC to DC w/24-48 V<sub>DC</sub> 1.4-2.9A In 12 V<sub>DC</sub> 5A Out
- **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

