FPM-3171S

17" SXGA Industrial Monitor with Resistive Touchscreen, Direct-VGA and DVI Ports

Features

- 17" SXGA TFT LCD with resolution up to 1280 x 1024
- Robust design with stainless steel chassis and front panel
- Anti-reflective screen with tempered glass
- OSD control pad on front panel
- Supports industrial 24-48 V_{DC} power input (optional)
- Supports panel, wall, desktop, VESA arm mounting
- Front panel is NEMA4/IP65 compliant
- Front panel stainless steel with 316L level

Introduction

FPM-3171S is a 17" color TFT LCD flat panel monitor specifically designed for industrial applications. With a viewing size as large as 17", it presents an ample 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 stainless steel with front panel NEMA4/IP65 compliance.

Specifications

General

- **Button Controls** OSD (Onscreen Display) control pad on front panel
- **Certification** BSMI, CCC, CE, FCC Class B, UL
- **Dimension (W x H x D)** 462.8 x 378.4 x 63.9 mm (18.22" x 14.9" x 2.52")
- **Enclosure** Front panel: Stainless steel with 316L level
  Rear cover: Stainless steel chassis

  *Mounting holes on rear cover are designed for PWR-246E DC Source
- **Mounting** Panel, wall, desktop, VESA arm
- **Power Input** DC Jack - Optional external 57 W power adapter, with 100 ~ 240 V_{AC} input and 12 V_{DC} @ 4.75 A output
- **Power Consumption** 35 W + 20%
- **Video Port** VGA & DVI-D port
- **Weight (Net)** 13.1 kg (28.88 lbs)

LCD Display

- **Display Type** SXGA TFT LCD
- **Display Size** 17"
- **Max. Resolution** 1280 x 1024
- **Max. Color** 16.2 M
- **Viewing Angle (H/V°)** 170/160
- **Luminance (cd/m²)** 380
- **Backlight Life (hrs)** 50,000
- **Contrast Ratio** 1000 : 1

Touchscreen (Optional)

- **Sensor** ELO
- **Driver** ELOTOUCH
- **Type** 5-wire Resistive
- **Interface** RS-232 or 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

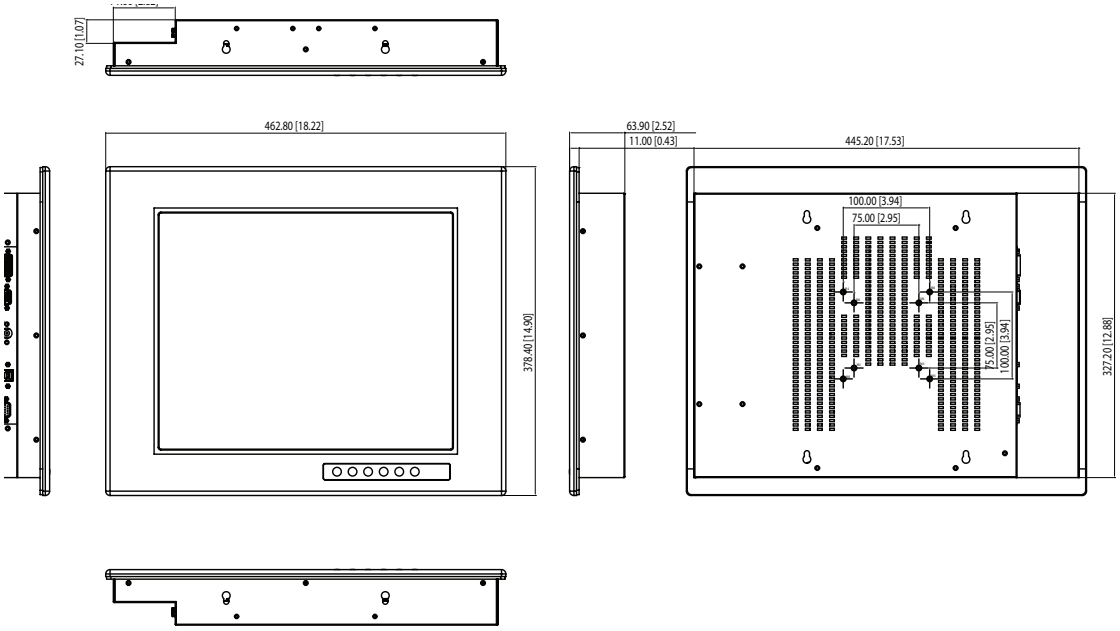
- **Operation Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Humidity (Storage)** 10 ~ 90% non-condensing
- **Waterproof** Front panel is NEMA4/IP65 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-3171S-R3AE** 17" SXGA Ind. Monitor w/Resistive TS (RS-232,USB)

Dimensions

Unit: mm

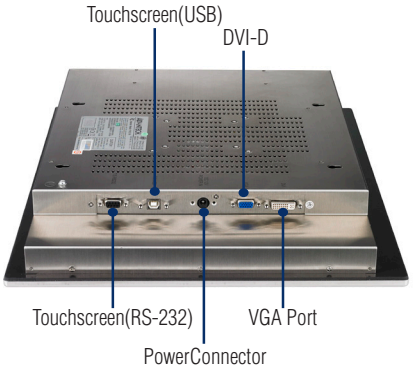
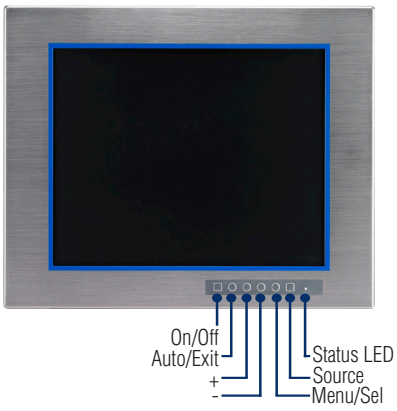


Panel Cut-out Dimensions: 451 x 333 mm (17.75" x 13.11")

Accessories

- **PWR-246E** Ind. DC to DC w/24-48 V_{DC} 1.4-2.9A In 12 V_{DC} 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
- **1757002742** Adapter AC 90-264V 57W SPU63-105

I/O View



Front View