

# FPM-3191S

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



### Features

- 19" 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<sub>DC</sub> 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-3191S is a 19" color TFT LCD flat panel monitor specifically designed for industrial applications. With a viewing size as large as 19", it presents an ample display area as well as vivid and sharp images for your HMI. It features Direct-VGA signal transmission and the onscreen display function makes it easy to adjust the images on the screen. The stainless steel chassis and the NEMA4/IP65 compliant stainless steel front panel enable installation in applications with water and dust.

### 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)** 482 x 399.2 x 66 mm (18.98" x 15.72" x 2.6")
  - **Enclosure** Front panel: 316L level stainless steel  
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<sub>AC</sub> input and 12 V<sub>DC</sub> @ 4.75 A output
  - **Power Consumption** 35 W + 20%
  - **Video Port** VGA & DVI-D Port
  - **Weight (Net)** 15 kg (33.07 lbs)

#### LCD Display

- **Display Type** SXGA TFT LCD (AUO)
- **Display Size** 19"
- **Max. Resolution** 1280 x 1024
- **Max. Color** 16.2 M
- **Viewing Angle (H/V°)** 178/178
- **Luminance (cd/m<sup>2</sup>)** 300
- **Backlight Life (hrs)** 50,000
- **Contrast Ratio** 1300 : 1

#### Touchscreen (Optional)

- **Sensor** ELO
- **Driver** ELTOUCH
- **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, Linux
- **Power Consumption** +5 V @ 100 mA
- **Touch Resolution** Linearity

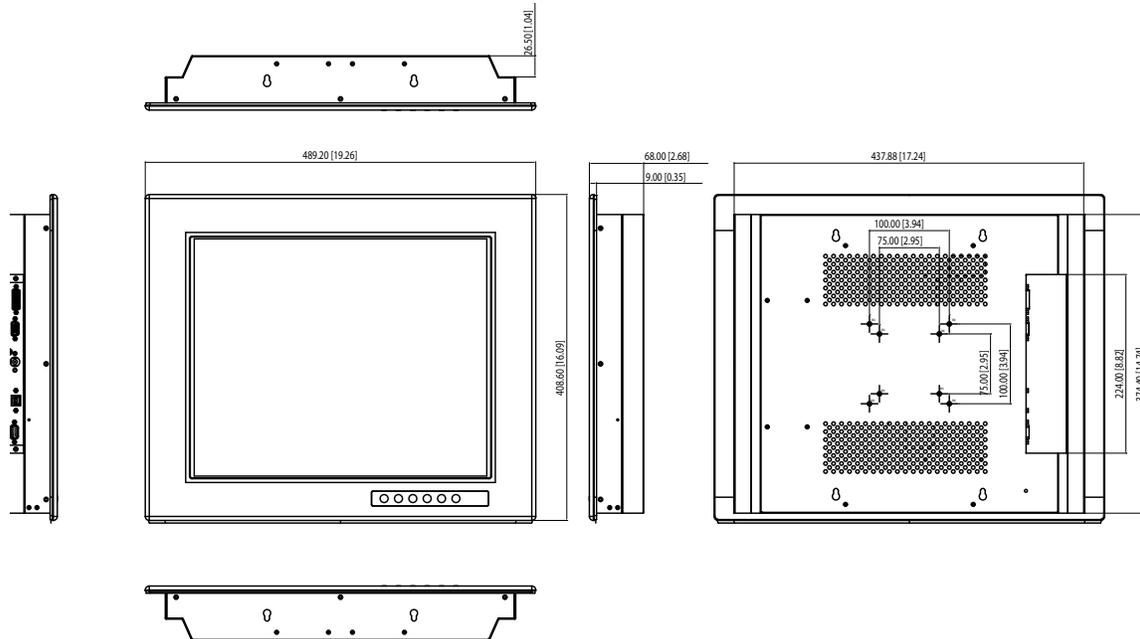
#### Environment

- **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-3191S-R3AE** 19" SXGA Ind. Monitor w/Resistive TS (RS-232,USB)

## Dimensions

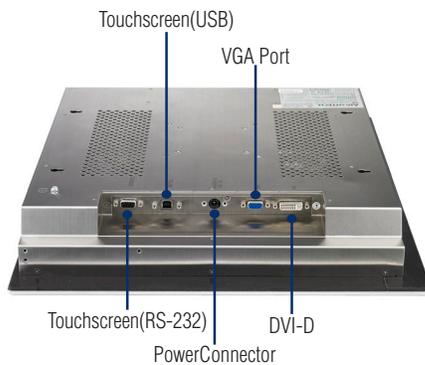


**Panel Cut-out Dimensions: 444 x 376.4 mm (17.48" x 14.81")**

## 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
- **1757002742** Adapter AC 90-264V 57W SPU63-105

## I/O View



## Front View

