

# FPM-3191S

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



### Features

- 19" SXGA TFT LED LCD with 50,000 hours of backlight life
- Robust design with stainless steel chassis and front panel
- Anti-glare screen with tempered glass and IP65 certified front panel
- Lockable OSD control pad on front panel
- Supports industrial 24 V<sub>DC</sub> power input
- Supports panel, wall, desktop, VESA arm mounting
- Front panel stainless steel with 316L level

### Introduction

The 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. 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 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)** 489.2 x 408.6 x 68 mm (19.26" x 16.09" x 2.68")
  - **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** 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
  - **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 with LED backlight
- **Display Size** 19"
- **Max. Resolution** 1280 x 1024
- **Max. Color** 16.7 M
- **Viewing Angle (H/V°)** 170/160
- **Luminance (cd/m<sup>2</sup>)** 350
- **Backlight Life (hrs)** 50,000
- **Contrast Ratio** 1000 : 1

#### Touchscreen

- **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

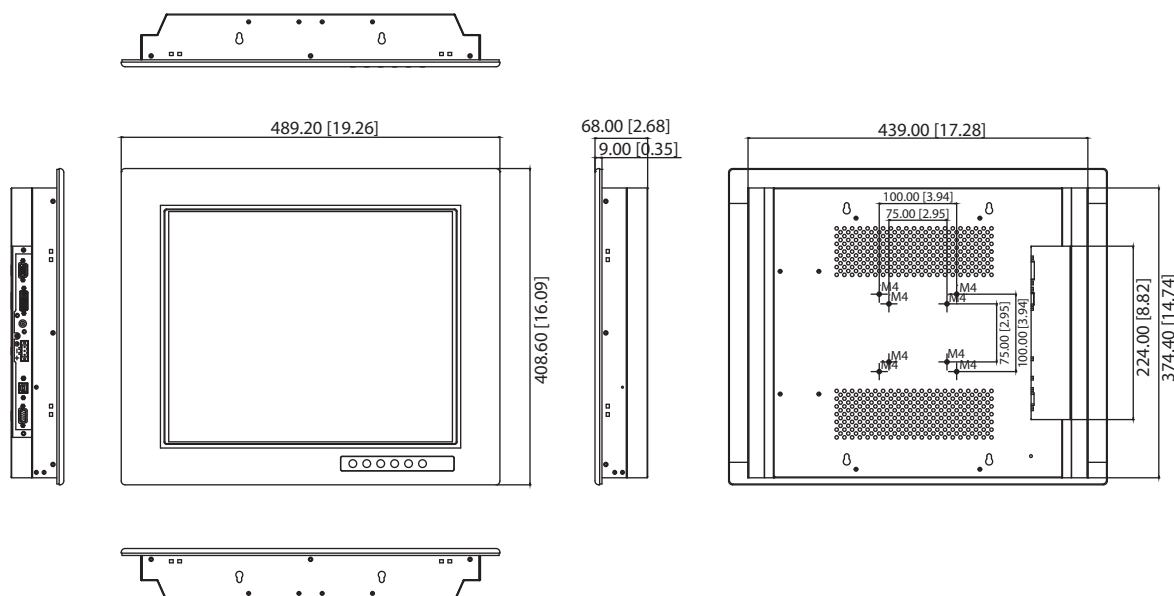
- **Operation Temperature** 0 ~ 50°C (32 ~ 122°F)
- **Storage Temperature** -20 ~ 60°C (-4 ~ 140°F)
- **Humidity (Storage)** 10 ~ 90% non-condensing
- **Waterproof** Front panel is IP65 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

### Ordering Information

- **FPM-3191S-R3BE** 19" SXGA Ind. Monitor w/Resistive TS (RS-232,USB)

## Dimensions

Unit: mm

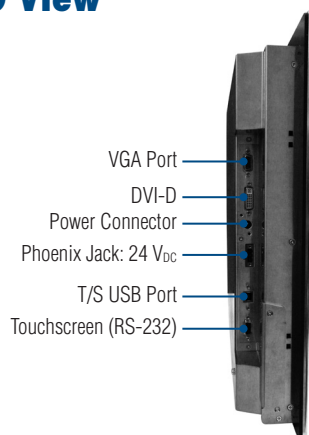


**Panel Cut-out Dimensions: 444 x 376.4 mm (17.48\" x 14.82\" )**

## Accessories

- **PWR-247-BE** 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
- **1700000596** Power Cable China/Australia Plug 1.8 M

## I/O View



## Front View

