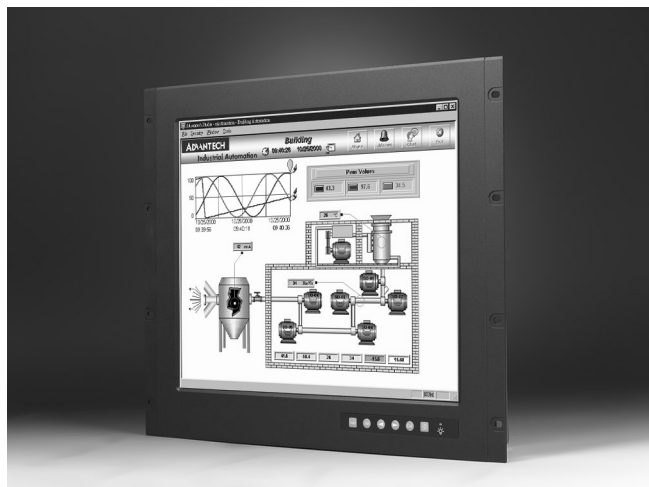# FPM-3191G

Industrial 19" Flat Panel Monitor with Direct-VGA Port

Features

- 19" SXGA TFT LCD with resolution up to 1280 X 1024
- Stainless steel chassis with NEMA4/IP65-compliant aluminum front panel (optional stainless steel front panel available)
- Multi-scan function supports SXGA, XGA, SVGA, VGA, text mode
- Auto-recognition of input signal
- Supports panel, wall, desktop, rack mount or VESA arm mounting
- Anti-reflective screen with tempered glass
- Hard anodic coating to prevent panel abrasion and acid corrosion

Introduction

FPM-3191G 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 on-screen display function makes it easy to adjust the images on the screen. The stainless steel chassis and the NEMA4/IP65 compliant aluminum front

Specifications

General

- **Button Controls**   OSD control pad on front panel
- **Certifications**   BSMI, CCC, CE, FCC
- **Dimensions (WxHxD)**   482 x 399 x 66 mm (18.9" x 15.7" x 2.6")
- **Enclosure**   Aluminum with hard anodic coating, (optional stainless steel)
- **Mounting**   Panel, wall, desktop, rack mount or VESA arm
- **Power Input**   External 60 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 5 A output
- **Video Ports**   VGA
- **Weight (Net)**   9.2 kg (20.3 lb)

LCD Display

- **Backlight Life**   50,000 hrs
- **Contrast Ratio**   700: 1 (typical)
- **Display Size**   19"
- **Display Type**   SXGA TFT LCD
- **Luminance**   300 cd/m²
- **Max. Colors**   True color (16.2 million)
- **Max. Resolution**   1280 x 1024
- **Viewing Angle (H/V°)**   170/170

Touchscreen (Optional)

- **Interface**   RS-232
- **Lifespan**   1 million touches at a single point (resistive) 35 million touches (capacitive)
- **Light Transmission**   79 % (resistive), 88% (capacitive)
- **OS Support**   Windows® 98/2000/XP
- **Power Consumption**   +5 V @ 200 mA (for -R version)
- **Resolution**   1024 x 1024 (resistive), 4096 x 4096 (capacitive)
- **Type**   8 Wire, analog resistive or capacitive sensor

Environment

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

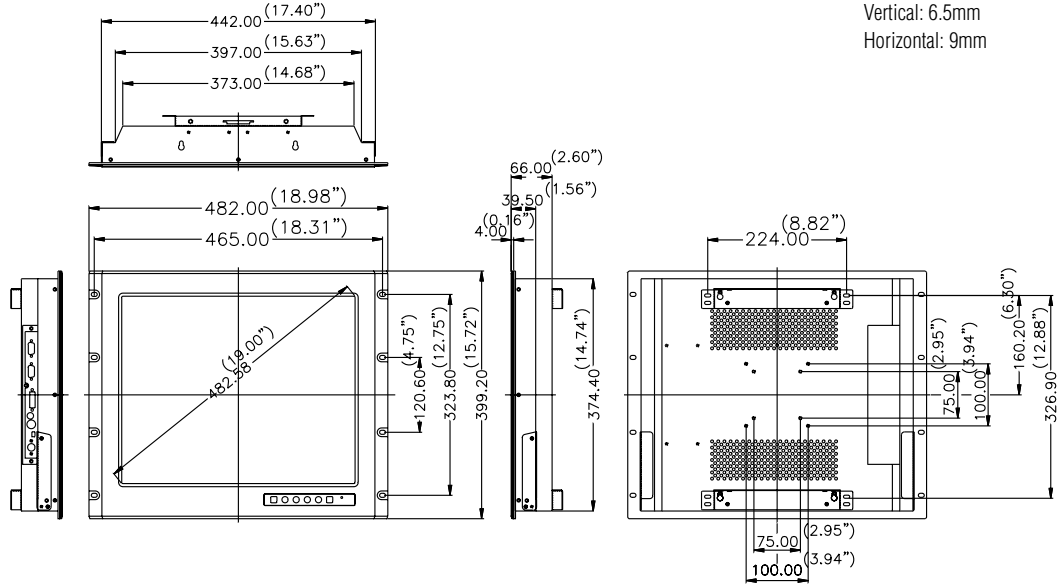## Ordering Information

- **FPM-3191GA**   Industrial 19" TFT LCD display with 19" Rack-Mount Bezel, DirectVGA interface and AC 100 ~ 220 V input 60 W power adapter
- **FPM-3191GA-C**   FPM-3191GA with capacitive touchscreen (RS-232 interface)
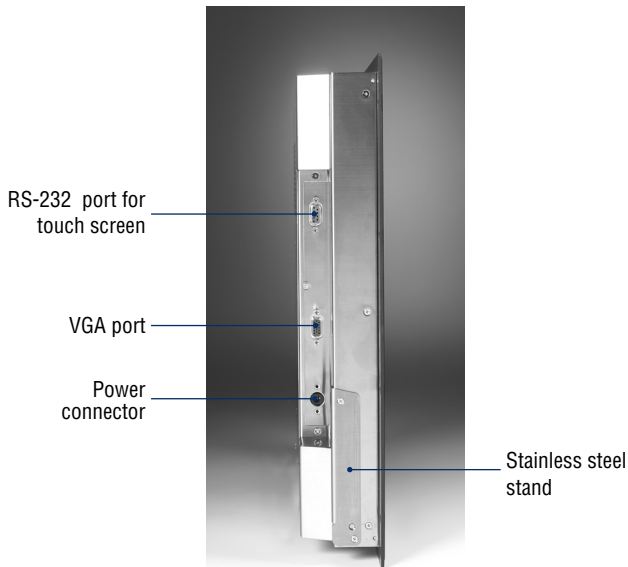- **FPM-3191GA-R**   FPM-3191GA with resistive touchscreen (RS-232 interface)

Dimensions

Diameters of the rackmount holes:
Vertical: 6.5mm
Horizontal: 9mm

Cut-out dimension: 444 x 376 mm (17.48" x 14.84")

Side View

RS-232 port for touch screen

VGA port

Power connector

Stainless steel stand