FPM-3191G

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 aluminum front panel
- Anti-reflective screen with tempered glass
- Supports stainless steel front panel (customization)
- OSD control pad on front panel
- Supports industrial 24-48 V_{DC} power input (optional)
- Supports tranflective LCD technology (customization)
- Supports panel, wall, desktop, rack or VESA arm mounting
- Front panel is NEMA4/IP65 compliant

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 onscreen display function makes it easy to adjust the images on the screen. The stainless steel chassis and the NEMA4/IP65 compliant aluminum front panel enable installation in applications with water and dust. An optional stainless steel front panel is available by request.

Specifications

General

Button Controls	OSD (Onscreen Display) control pad on front panel
Certification	BSMI, CCC, CE, FCC
Dimension (W x H x D)	482 x 399 x 66 mm (18.9" x 15.7" x 2.6")
Enclosure	Front panel: Aluminum with coating Rear cover: Stainless steel chassis
Mounting	Panel, wall, desktop, VESA arm & 19" rackmount
Power Input	External 60 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 5 A output
Video Port	VGA & DVI-D Port
Weight (Net)	10.65 kg (23.46 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/m²)	300
Backlight Life (hrs)	50,000
Contrast Ratio	1000 : 1

Touchscreen (Optional)

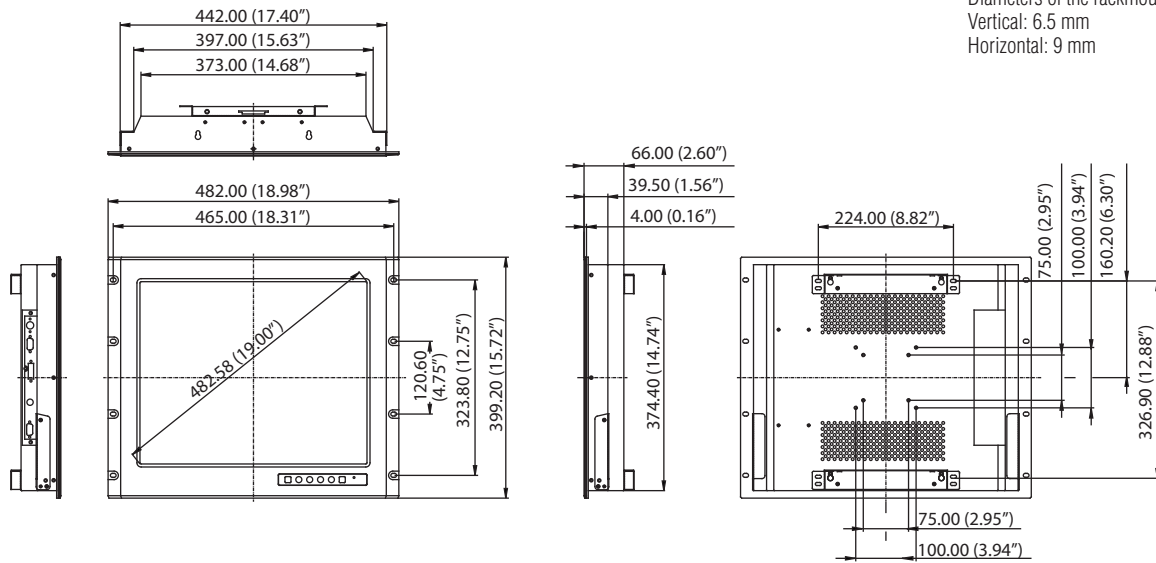|	
Sensor	ELO
Driver	ELOTOUCH
Type	5-wire Resistive
Interface	RS-232 and USB
Lifespan	35 million touches at a single point
Light Transmission	80% ±5
OS Support	DOS, Windows® 2000/XP/CE/Vista, Linux
Power Consumption	+5 V @ 100 mA
Touch Resolution	Linearity

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-3191G-XCE	19" SXGA Ind. Monitor
FPM-3191G-RCE	19" SXGA Ind Monitor w/Resistive TS (RS-232 & USB)
PWR-246E	DC to DC Converter w/24-48V_{DC} Power Input

Dimensions

Unit: mm

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

442.00 (17.40")
397.00 (15.63")
373.00 (14.68")

482.00 (18.98")
465.00 (18.31")

482.58 (19.00")

120.60 (4.75")
323.80 (12.75")
399.20 (15.72")

66.00 (2.60")
39.50 (1.56")
4.00 (0.16")

374.40 (14.74")

224.00 (8.82")

75.00 (2.95")
100.00 (3.94")
160.20 (6.30")

326.90 (12.88")

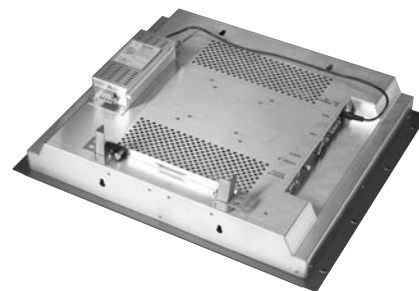75.00 (2.95")
100.00 (3.94")

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

Accessories

- **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

Mounting with DC Source

Side View

RS-232 Port for Touchscreen
DVI-D
VGA Port
Power Connector
Stainless Steel Stand