FPM-3191G

9U Rackmount, 19" SXGA Industrial Monitor with Resistive Touch Control, Direct VGA, and DVI Ports

Features

- 19" SXGA TFT LED LCD with 50K backlight lifetime
- Robust design with stainless steel chassis and aluminum front panel
- Anti-glare screen with tempered glass and IP65-certified front panel
- Lockable OSD control pad on rear cover
- Supports 24 V_{DC} power input
- Supports panel, wall, desktop, rack, or VESA arm mounting
- Supports 9U pre-drilled rackmount mounting holes

Introduction

FPM-3191G is a 19" color TFT LCD flat panel monitor specifically designed for industrial applications. With a display size of 19", FPM-3191G provides an adequate display area with sharp and vivid images. The monitor also supports direct VGA signal transmissions, allowing users to upgrade the displays without altering the existing infrastructure. The provision of OSD function keys makes it easy to adjust the onscreen display. Furthermore, the stainless steel chassis and IP65-rated aluminum front panel ensure suitability for industrial applications.

Specifications

General

OSD Controls	OSD control pad on front panel
Certification	BSMI, CCC, CE, FCC Class A, UL
Dimensions (W x H x D)	482 x 399.2 x 67 mm (18.98 x 15.71 x 2.64 in)
Enclosure	Front panel: Aluminum with coating Rear cover: Stainless steel chassis
Mount Options	Panel, wall, desktop, VESA arm, and 19" rackmount
Power Input	Phoenix Jack: 24 V_{DC} input
Power Consumption	18 W + 20%
Video Port	VGA & DVI-D port
Weight (Net)	10.65 kg (23.46 lbs)

LCD Display

Display Type	SXGA TFT LCD with LED backlight
Display Size	19"
Max. Resolution	1280 x 1024
Max. Color	16.7M
Viewing Angle (H/V °)	170/160
Luminance (cd/m²)	350
Backlight Life	50,000 hr
Contrast Ratio	1000:1

Touchscreen

Driver	Penmount 6000
Interface	RS-232 and USB
Lifespan	35 million touches at a single point
Light Transmission	> 80%
OS Support	Windows XP,2000,Vista,7,8/8.1,10 , XP/7/8/10 Embedded,CE,Linux
Power Consumption	+5 V @ 100 mA
Touch Resolution	Linearity

Environment

Operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)
Storage Temperature	-30 ~ 80 °C (-22 ~ 176 °F)
Humidity (Storage)	90% @ 50 °C non-condensing
IP Rating	Front panel is IP65 compliant
Vibration	5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

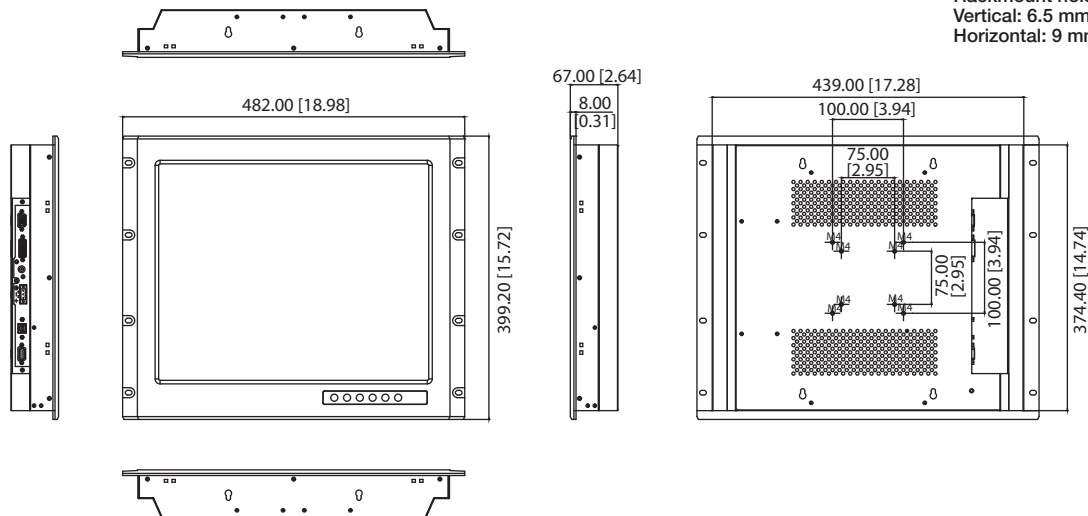|	
FPM-3191G-R3BE	19" SXGA Ind. Monitor w/ Resistive TS (Combo)

Optional Accessories

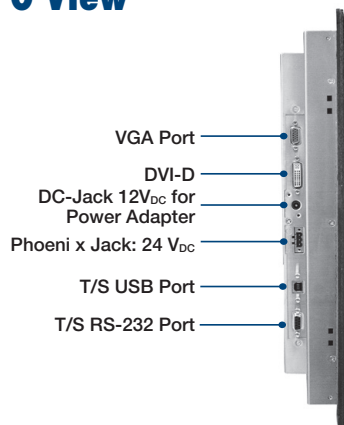|	
1702002600	Power Cable US Plug 1.8 M
1702002605	Power Cable EU Plug 1.8 M
1702031801	Power Cable UK Plug 1.8 M
1700000596-11	Power Cable China/Australia Plug 1.8 M (Direct rack mounting, no need accessory)
PWR-247-DE	Adapter 100-240V 60W 24V 2.5A
FPM-7000G-ADKE	Adapter bracket for FPM-7000 4:3

Last updated: 29-Dec-2022

Dimensions

Unit: mm [inch]

Rackmount hole diameter
Vertical: 6.5 mm
Horizontal: 9 mm

482.00 [18.98]

399.20 [15.72]

67.00 [2.64]

8.00 [0.31]

439.00 [17.28]

100.00 [3.94]

75.00 [2.95]

75.00 [2.95]

100.00 [3.94]

374.40 [14.74]

M4
M4
M4
M4

Panel Cutout Dimensions: 441 x 376.4 mm (17.36 x 14.81 in)

I/O View

VGA Port

DVI-D

DC-Jack 12V$_{DC}$ for Power Adapter

Phoeni x Jack: 24 V$_{DC}$

T/S USB Port

T/S RS-232 Port

Packing list

Item	Part No.	Description	Qty
Mounting kit	1962315210	HOOK BRACKET (FOR FPM-3150TV)	1
Mounting kit	1962317070	FIX BRACKET (FOR FPM-3175TV) A1	2
Mounting kit	19623190A0	MOUNT BRACKET (L) (FOR FPM-3190TV) A1	1
Mounting kit	19623190B0	MOUNT BRACKET (R)(FOR FPM-3190TV) A1	1
Mounting kit	193B040600	Step Screw M4x8.2L(6L) F/S D=8 H=1.5 - Cu Ni	4
Mounting kit	1935063530	Screw M6*35L R/S D=10.5 H=4.0 (3+) ST BlZn	4
Mounting kit	1964000010	COMPRESSION SPRING MiPC-50/52 DRAW:M1331311	4
GND cable	1703011001-11	A Cable G-TEM. 100CM C=GR/Y PPC-55	1
VGA cable	1700021332-01	M CABLE D-SUB 15P(M)/D-SUB 15P(M) 180CM VESA B1	1
USB touch Cable	1700017851-01	M Cable USB-A(M)/USB-B(M) 180CM black color	1
RS232 cable	1700091800	M Cable D-SUB 9P(M)/D-SUB 9P(F) 183CM	1
Terminal Block	1652007930-01	Plug-In Block 1x3P/5.08mm/PA66/F/VA/Sn/GR/H15.0 (24V$_{DC}$ only)	1
Cable lock for adapter	1930001361	Screw M3x4L S/S D=5 H=1.2 (2+) ST Ni NK	14
Cable lock for adapter	1960049101N000	BRACKET PLUG FOR FPM-3121G	1
Rack hole cover	1999000600	Screwhole Plug for AWS-8259 front panel A	8