FPM-3171G

8U Rackmount, 17" SXGA Industrial Monitor with Resistive Touch Control, Direct VGA, DVI Ports, and a Wide Operating Temperature Range



Features

- 17" 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 8U pre-drilled rackmount mounting holes

Introduction

FPM-3171G is a 17" color TFT LCD flat panel monitor specifically designed for industrial applications. With a display size of 17", FPM-3171G 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 354.8 x 63.9 mm (18.98 x 13.97 x 2.52 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
DC Jack: 12 V_{DC} Input
- **Power Consumption** 23W +20%
- **Video Port** VGA & DVI-D port
- **Weight (Net)** 9.25 kg (20.39 lb)

LCD Display

- **Display Type** 'SXGA TFT LCD with LED backlight
- **Display Size** 17"
- **Max. Resolution** 1280 x 1024
- **Max. Color** 16.7M
- **Viewing Angle (H/V °)** 160/140
- **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, 10, 11, XP 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-3171G-R3BE** 17"SVGA WT Ind. Monitor w/Resistive TS (Combo)

Optional Accessories

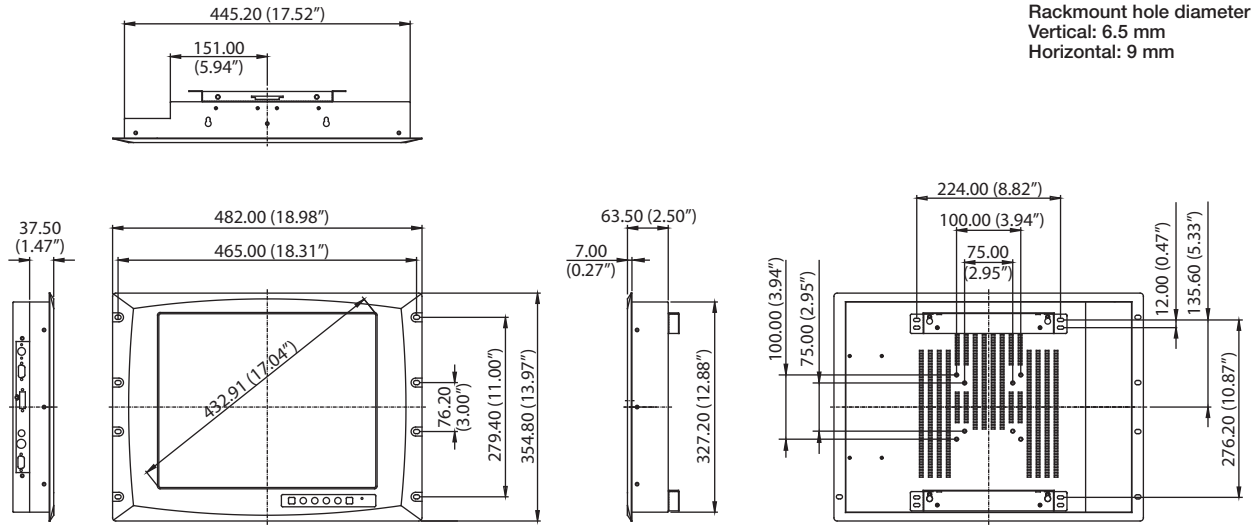
- **1702002600** Power Cable US Plug 1.8 M
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801-11** Power Cable UK Plug 1.8 M
- **1700000596-11** Power Cable China/Australia Plug 1.8 M
(Direct rack mounting, no need accessory)
- **PWR-247-DE** Adapter 100-240V 60W 24V 2.5A
- **FPM-200W-ADKE** Adapter bracket for 200W

All product specifications are subject to change without notice.

Dimensions

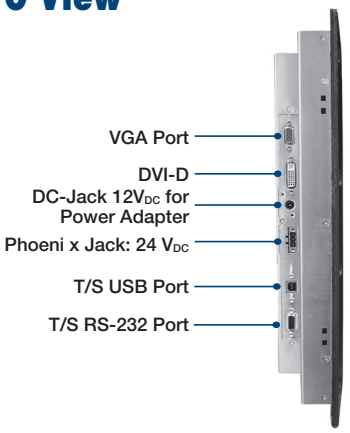
Unit: mm [inch]

Rackmount hole diameter
Vertical: 6.5 mm
Horizontal: 9 mm



Panel Cutout Dimensions: 447.2 x 329.2 mm (17.6 x 12.96 in)

I/O View



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	1962317080	MOUNT BRACKET (R) (FOR FPM-3175TV) A1	1
Mounting kit	1962317090	MOUNT BRACKET (L) (FOR FPM-3175TV) A1	1
Mounting kit	193B040600	Step Screw M4x8.2L(6L) F/S D=8 H=1.5 - Cu Ni	4
Mounting kit	1964000010	COMPRESSION SPRING MiPC-50/52 DRAW:M1331311	4
Mounting kit	1935063530	Screw M6*35L R/S D=10.5 H=4.0 (3+) ST BIZn	4
GND cable	1703011001	A Cable G-TEM. 100CM C=GR/Y PPC-55	1
VGA cable	1700021332-11	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 (24VDC only)	1
Cable lock for adapter	1960049101N000	BRACKET PLUG FOR FPM-3121G	1
Cable lock for adapter	1930001361	Screw M3x4L S/S D=5 H=1.2 (2+) ST Ni NK	14
Rack hole cover	1999000600	Screwhole Plug for AWS-8259 front panel A	8