FPM-3171G

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

Features

- 17" SXGA TFT LED LCD with 50,000 hours of backlight life
- 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 industrial 24V$_{DC}$ power input
- Supports panel, wall, desktop, rack or VESA arm mounting
- Supports 8U pre-drill Rackmount mounting hole

Introduction

FPM-3171G is a 17"color TFT LCD flat panel monitor specifically designed for industrial applications. With a viewing size as large as 17", it presents an simple 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 e x isting 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 aluminum 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)	482 x 354.8 x 63.5 mm (18.98" x 13.97" x 2.52")
Enclosure	Front panel: Aluminum with coating Rear cover: Stainless steel chassis
Mounting	Panel, wall, desktop, VESA arm & 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 lbs)

LCD Display

Display Type	'SXGA TFT LCD with LED backlight
Display Size	17"
Max. Resolution	1280 x 1024
Max. Color	16.7 M
Viewing Angle (H/V°)	160/140
Luminance (cd/m²)	350
Backlight Life (hrs)	50,000
Contrast Ratio	1000:1

Touchscreen

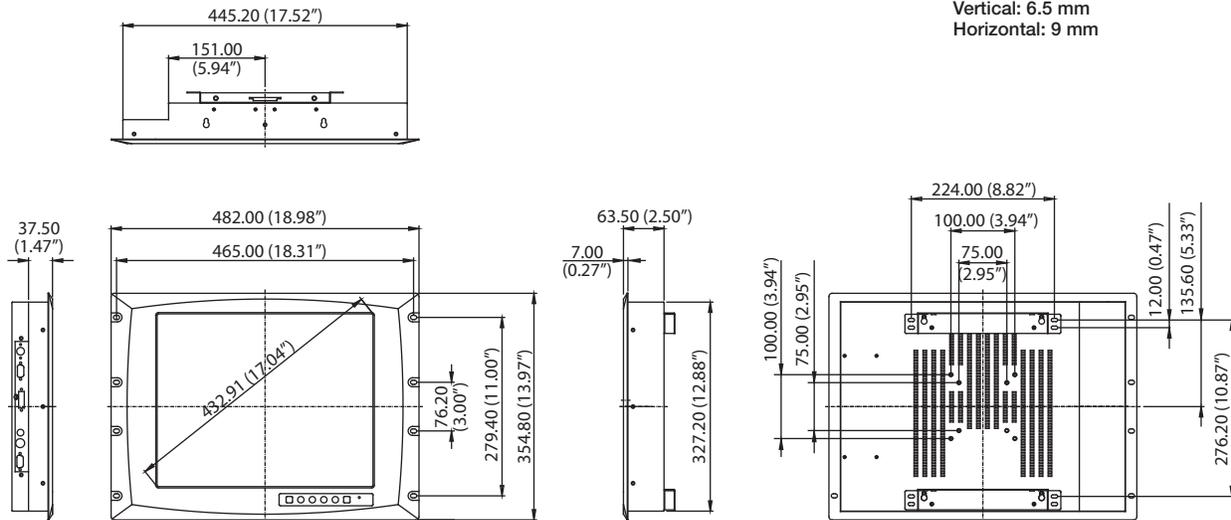|	
Driver	Penmount 6000
Interface	RS-232 and USB
Lifespan	35 million touches at a single point
Light Transmission	> 80%
OS Support	Windows XP,2000,Vista,7,8/8.1,10 , XP/7/8/10 Embedded,CE,Linux
Power Consumption	+5 V @ 100 mA
Touch Resolution	Linearity

Environment

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

Dimensions

Unit: mm [inch]

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

445.20 (17.52")
151.00 (5.94")

37.50 (1.47")

482.00 (18.98")
465.00 (18.31")

432.91 (17.04")

76.20 (3.00")
279.40 (11.00")
354.80 (13.97")

63.50 (2.50")
7.00 (0.27")
327.20 (12.88")

224.00 (8.82")
100.00 (3.94")
75.00 (2.95")
100.00 (3.94")
75.00 (2.95")
12.00 (0.47")
135.60 (5.33")
276.20 (10.87")

Panel Cut-out Dimensions: FPM-3171G: 447.2 x 329.2 mm (17.6" x 12.96")

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**   Power Cable UK Plug 1.8 M
- **1700000596**   Power Cable China/Australia Plug 1.8 M
(Direct rack mounting, no need accessory)
- **96PSA-A60W12V1-1**   Adapter 100-240V 60W 12V 5A
- **96PSA-A60W24T2**   Adapter 100-240V 60W 24V 2.5A
- **FPM-3001G-ADKE**   Adapter bracket for FPM-3000 15"/17"/19"

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