FPM-5171G

17" SXGA Industrial Monitor with Resistive Touchscreen, Direct-VGA, and DVI Ports

NEW

Features

- 17" SXGA TFT LCD with resolution up to 1280 x 1024
- Direct VGA & DVI-D video input interface
- Lockable OSD keys with 2 user-defined contrast/brightness settings
- Flat-sealed front panel
- Robust design with anti-rust chassis and aluminum die-cast front panel
- Front accessible USB connector
- Combo RS-232 & USB interface for touchscreen function (optional)
- Supports industrial 10-30 V_{DC} power input
- Supports panel, wall, desktop, rack or VESA arm mounting
- Front panel is NEMA4/IP65 compliant

Introduction

FPM-5171G 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 ample display area as well as vivid and sharp images for your HMI. It features Direct-VGA & DVI-D signal transmission, which allows VGA control cards to be used in your system. The onscreen display allows users to adjust the images on the screen with two user-defined settings. The front access USB connector provides easy access the controller, and the industrial 10-30 Vdc wide range power support makes this product an excellent option for Factory and Machine Automation display solutions.

Specifications

General

Button Controls	OSD control pad on rear side with lockable function
Certification	BSMI, CCC, CE, FCC, UL
Dimension (W x H x D)	481.9 x 355.9 x 58.5 mm (18.9" x 14" x 2.3")
Enclosure	Front panel: Aluminum and flat-sealed Rear cover: Anti-rust coating
Mounting	Panel, wall, desktop, VESA arm, or 19" rackmount
Power Input	Phoenix Jack - 10 ~ 30 V_{DC} input Optional external 57 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 4.7A output
Power Consumption	31 W ± 20%
USB	Front USB access for extension
Video Port	VGA & DVI-D
Weight (Net)	8 kg (17.63 lbs)

LCD Display

Display Type	SXGA TFT LCD
Display Size	17"
Max. Resolution	1280 x 1024
Max. Color	16.7M
Viewing Angle (H/V°)	160/160
Luminance (cd/m²)	300
Backlight Life (hrs)	50,000
Contrast Ratio	800 : 1

Touchscreen (Optional)

Sensor	AMT
Driver	Penmount 6000
Type	8-wire Resistive
Interface	RS-232 & USB
Lifespan	10 million with a silicone rubber of R8 finger, writing rate is by 250g at 2 times/s
Light Transmission	> 80%
OS Support	Windows® 2000/XP/CE/Vista, Linux
Power Consumption	+5 V @ 100 mA
Touch Resolution	Linearity

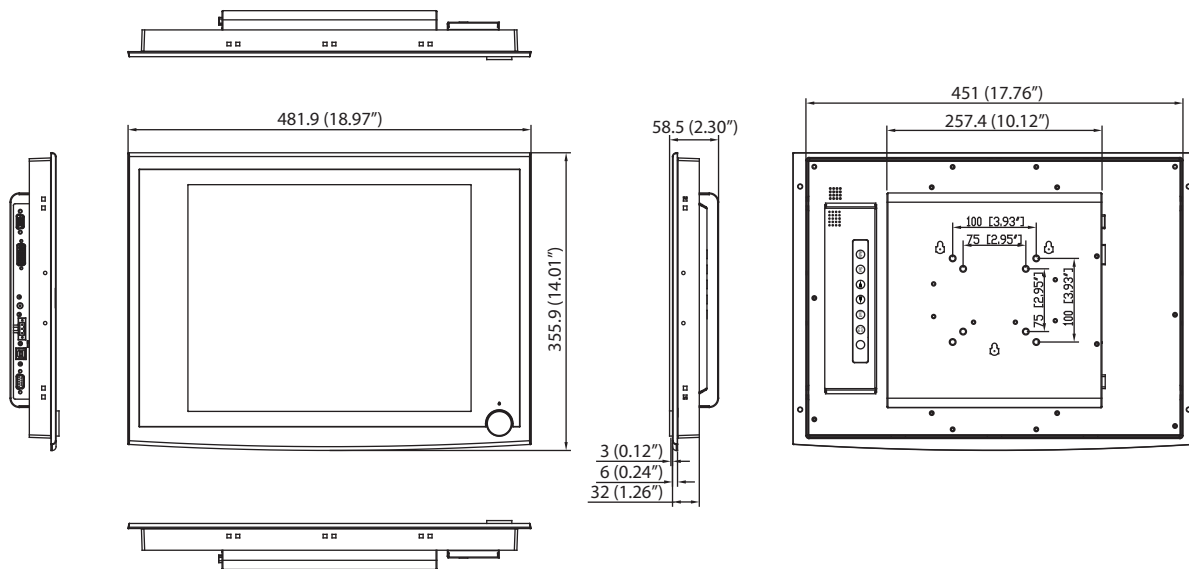### Environment

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-5171G-X0AE**   17" SXGA Ind. Monitor
- **FPM-5171G-R3AE**   17" SXGA Ind. Monitor w/Resistive TS (RS-232, USB)

ADVANTECH | **Industrial Display Solutions**

FPM-5171G

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Dimensions

Unit: mm

481.9 (18.97″)

355.9 (14.01″)

58.5 (2.30″)

3 (0.12″)
6 (0.24″)
32 (1.26″)

451 (17.76″)
257.4 (10.12″)
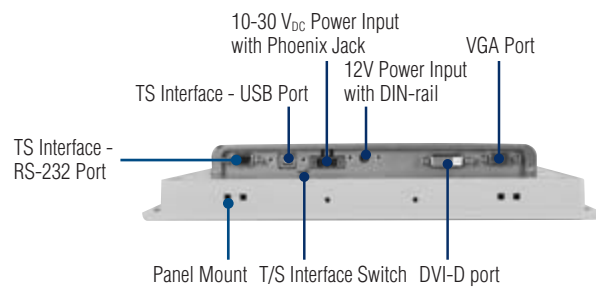
100 [3.93″]
75 [2.95″]
75 [2.95″]
100 [3.93″]

Panel Cut-out Dimensions: 454 x 338 mm

Accessories

- **FPM-5151G-SMKE**　FPM-5151G/5171G Stand Kit
- **IPPC-6172A-RMKE**　IPPC-6172A/FPM-5171G Rack Mount Kit
- **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
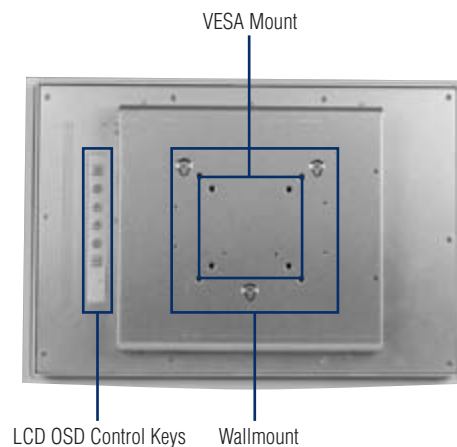- **1757002742**　Adapter AC 90-264V 57W SPU63-105

I/O View

10-30 V$_{DC}$ Power Input
with Phoenix Jack

VGA Port

12V Power Input
with DIN-rail

TS Interface - USB Port

TS Interface -
RS-232 Port

Panel Mount　　T/S Interface Switch　DVI-D port

Front Accessible USB Port

Back View

VESA Mount

LCD OSD Control Keys　　Wallmount