FPM-3151G

15" XGA Industrial Monitor with Resistive Touch Control, Direct VGA, DVI Ports, and Wide Operating Temperature



Features

- 15" XGA TFT LED LCD with 50K backlight lifetime
- Robust anodized aluminum-coated front bezel and stainless steel rear cover
- Wide operating temperature range (-20 ~ 60 °C/-4 ~ 140 °F)
- Increased reliability with enhanced 5-wire resistive touch sensor
- Anti-glare screen with tempered glass and IP65-certified front panel
- Ground isolation protection for entire system
- Supports VGA/DVI input, dual touch interfaces, and two power inputs
- Front-lockable OSD keys with user-defined functions
- IP65-rated front panel
- · Supports panel, VESA, wall, desktop, and stand mounting







Introduction

The FPM-3151G is an extremely rugged and reliable 15" XGA industrial monitor aimed at diverse industrial applications. Equipped with a hard anodized-aluminum coating, stainless steel chassis, and wide operating temperature range (-20 ~ 60 °C/-4 ~ 140 °F), FPM-3151G can withstand operation in a wide range of harsh industrial environments. This monitor also features enhanced 5-wire resistive touch control and overall ground isolation protection to enhance the system's reliability. Additionally, the FPM-3151G is equipped with lockable OSD keys on the front panel that control two user-defined function settings.

Specifications

General

Certification

 OSD Controls OSD control pad on front panel with lockable function

Two user-defined contrast/brightness settings CE, FCC Class A, BSMI, CCC, UL, Energy Star

Dimensions (W x H x D) 422 x 310 x 70 mm (16.61 x 12.2 x 2.76 in)

Front panel: Aluminum with hard anodizing coating Enclosure

Rear cover: Stainless steel with

ground isolation protection

Panel, wall, desktop, VESA arm Mount Options

 Power Input Phoenix Jack: 24 V_{DC} input

DC Jack: 12 V_{DC} input

 Power Consumption 12W +20%

Video Port VGA & DVI-D Port

Weight (Net) 7.73 kg (17.04 lbs)

LCD Display

Display Type XGA TFT LCD

 Backlight Type I FD

 Display Size 15"

Max. Resolution 1024 x 768

Max. Color 16.2M (RGB 8-bit)

 Viewing Angle (H/V °) 160/140

 Luminance (cd/m²) 350

 Backlight Life 50,000 hr

 Contrast Ratio 700.1

Touchscreen

Driver Penmount 6000

Type 5-wire resistive with enhanced ITO film

Interface USB & RS-232 (Combo)

Lifespan 36 million with a silicone rubber R8 finger,

writing rate is by 250g at 2 times/s

Light Transmission

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 $-20 \sim 60 \,^{\circ}\text{C} \, (-4 \sim 140 \,^{\circ}\text{F})$

-30 ~ 80 °C (-22 ~ 176 °F) Storage Temperature Humidity (Storage) 90% @ 50 °C non-condensing

IP Rating Front panel is IP65 compliant

Shock 11ms, 10G (Non Operating, Half Sine Wave) Vibration 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

 FPM-3151G-R3BE 15" XGA Ind. Monitor w/ Wide Temp, Resistive TS

Optional Accessories

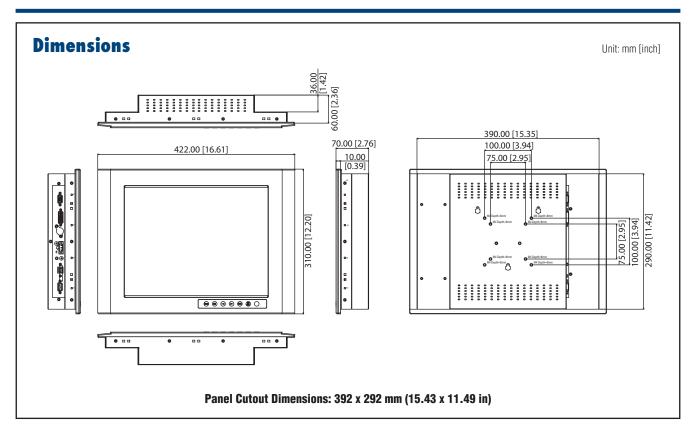
1702002600 Power Cable US Plug 1.8 M 1702002605 Power Cable EU Plug 1.8 M

1702031801 Power Cable UK Plug 1.8 M 1700000596-11 Power Cable China/Australia Plug 1.8 M

FPM-1000T-SMKE Desktop/Wall Mounting kit for FPM series PWR-247-DE Adapter 100-240V 60W 24V 2.5A

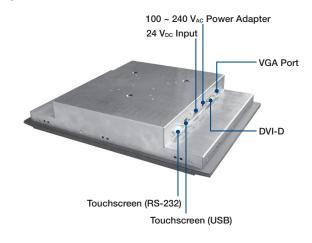
FPM-7000G-ADKE Adapter bracket for FPM-7000 4:3





I/O View

Rackmount (FPM-3151G-RMKE)





Packing list

Item	Part No.	Description	Qty
Terminal Block	1652007930-01	Plug-In Block 1x3P/5.08mm/PA66/F/VA/Sn/GR/H15.0 (24V _{DC} only)	1
Clamper	1962055040	CLAMPER PPC-55 M1632611 A2	10
Clamper screw	1935042520	Screw M4*25L R/S D=8.3 H=2.5 + ST BZn	10
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