FPM-3150G

15" XGA Industrial Monitor with Resistive Touchscreen, Direct-VGA and DVI Ports



Features

- High brightness 550 nits LCD display
- Direct VGA & DVI-D video input interface
- Lockable OSD keys with 2 user-defined contrast/brightness settings
- Combo RS-232 & USB interface for touchscreen function (optional)
- · Robust design with stainless steel chassis and aluminum front panel
- Supports industrial 24-48 V_{DC} power input (optional)
- Supports panel, wall, desktop, rack or VESA arm mounting
- Front panel is NEMA4/IP65 compliant



Introduction

FPM-3150G is a 15" color TFT LCD flat panel monitor specifically designed for industrial applications. With a viewing size as large as 15", 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 a regular VGA control card to be used in your system. Users can thus upgrade the display without making changes to the existing system. Its on screen display function also allows users to adjust the images on the screen with ease. The whole chassis is stainless steel and the front panel is made of aluminum with front panel NEMA4/IP65 compliance.

Specifications

General

Button Controls
 OSD control pad on front panel with lockable function

Certification
 BSMI, CCC, CE, FCC

Dimension (W x H x D) 422 x 310 x 86 mm (16.6" x 12.2" x 3.4")
 Enclosure Front panel: Aluminum with coating

Rear cover: Stainless steel chassis
Panel, wall, desktop, VESA arm, or 19" rackmount with

optional mounting kit

Power Input
 External 50 W power adapter, with AC 100 V ~ 240 V

input and DC +12 V @ 4.16 A output

• Video Port VGA & DVI-D Port

• Weight (Net) 7.73 kg (17.04 lbs)

LCD Display

Mounting

Display Type
 XGA TFT LCD

Display Size
 15"

Max. Resolution 1024 x 768
 Max. Color 16.2M
 Viewing Angle (H/V°) 140/120
 Luminance (cd/m²) 550
 Backlight Life (hrs) 50,000
 Contrast Ratio 500 : 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

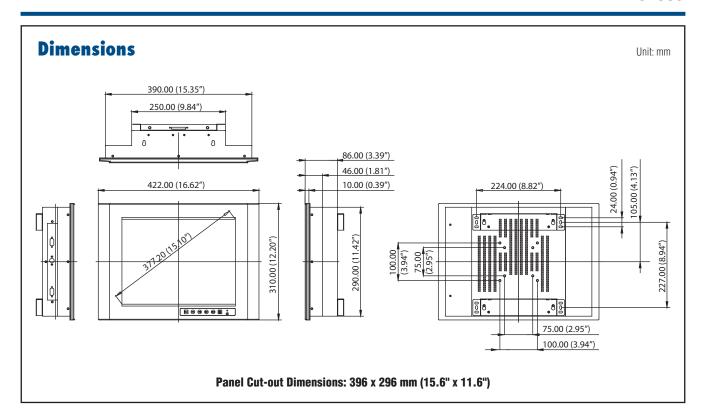
Operation Temperature 0 ~ 50° C (32 ~ 122° F)
 Storage Temperature -20 ~ 60° C (-4 ~ 140° F)
 Humidity (Storage) 10 ~ 95% non-condensing

Waterproof
 Front panel is NEMA4/IP65 compliant
 Vibration
 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

■ FPM-3150G-XCE 15" XGA Ind. Monitor

FPM-3150G-RCE
 PWR-246E
 15" XGA Ind Monitor w/Resistive TS (RS-232 & USB)
 DC to DC Converter w/24-48 V_{DC} Power Input



Accessories

FPM-3150G-RMKE Mounting kit for 19" industrial rack
 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

Rack Mount (FPM-3150G-RMKE)



Side View



Mounting with DC Source

