

# FPM-3150G

## Industrial 15" XGA Flat Panel Monitor with Direct-VGA Port



### Features

- 15" XGA TFT LCD with resolution up to 1024 x 768
- Robust design with stainless steel chassis and aluminum front panel
- Hard anodic coating to prevent panel abrasion and acid corrosion
- Anti-reflective screen with tempered glass
- Supports stainless steel front panel (Customization)
- OSD control pad on front panel
- Supports industrial 24-48 V<sub>DC</sub> power input (Optional)
- Supports transreflective LCD technology (Customization)
- Supports Panel, Wall, Desktop, Rack or VESA arm mounting
- NEMA4/IP65 Compliant
- RoHS Compliant

### Introduction

FPM-3150G is a 15-inch 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 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 NEMA4/IP65 compliance.

### Specifications

#### General

- **Button Controls** OSD (Onscreen Display) control pad on front panel
- **Certification** BSMI, CCC, CE, FCC-B
- **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 hard anodic coating, Rear cover : Stainless steel chassis
- **Mounting** 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
- **Weight (Net)** 7.73 kg (17.04 lbs)

#### LCD Display

- **Display Type** XGA TFT LCD (CPT)
- **Display Size** 15"
- **Max. Resolution** 1024 x 768
- **Max. Color** 16.2M
- **Viewing Angle (H, V)°** 140, 125
- **Luminance (cd/m<sup>2</sup>)** 400
- **Backlight Life (hrs)** 50,000
- **Contrast Ratio** 500 : 1

#### Touchscreen (Optional)

- **Sensor** 3 M/AMT
- **Type** 8W Resistive
- **Interface** RS-232 or USB
- **Lifespan** 1 million touches at a single point (3 M)  
10 million with a silicone rubber of R8 finger, writing rate is by 250g at 2 times/s (AMT)
- **Light Transmission** 79%±2 (3 M)  
> 80% (AMT)
- **OS Support** (RS-232) Windows® 95/98/ME/2000/XP/CE/NT, Linux (USB) Linux, Windows CE/XP
- **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** IEC529 IP65 (Front Panel)
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

### Ordering Information

- **FPM-3150G-XBE** Industrial 15" XGA Flat Panel Monitor
- **FPM-3150G-RBE** FPM-3150G-XBE with Resistive Touchscreen (RS-232 interface)
- **FPM-3150G-UBE** FPM-3150G-XBE with Resistive Touchscreen (USB interface)
- **PWR-246E** Ind. DC to DC Converter w/24-48 V<sub>DC</sub> Power Input

