

FPM-3060G

6.5" VGA Industrial Monitor with Resistive Touchscreen and Direct-VGA Port



Features

- 6.5" VGA TFT LCD with resolution up to 640 x 480
- Robust design with stainless steel chassis and aluminum front panel
- Anti-reflective screen with tempered glass
- Supports stainless steel front panel (optional)
- OSD control pad on front panel
- Supports industrial 24-48 V_{DC} power input (optional)
- Supports transreflective LCD technology (optional)
- Supports panel, wall, desktop and VESA arm mounting
- Front panel is NEMA4/IP65 compliant
- RoHS compliant

Introduction

FPM-3060G is a 6.5" flat panel monitor designed for industrial applications with small display requirements. High brightness of up to 400 nits makes the display clearly visible, while the wide operating temperature range of 0 to 50° C combined with vibration resistance makes it suitable for rugged environments. Mounting of the small and compact display can be done in panels, with VESA arms, and even directly on products in the UNO-2000 and MBPC-200 series. Optional versions of FPM-3060G provide RS-232 or USB interfaces for a resistive touchscreen.

Specifications

General

- **Button Controls** OSD (Onscreen Display) control pad on front panel
- **Certification** BSMI, CCC, CE, FCC
- **Dimension (W x H x D)** 220 x 150 x 46 mm (8.7" x 5.9" x 1.8")
- **Enclosure** Front panel: Aluminum with coating
Rear cover: Stainless steel chassis
- **Mounting** Panel, VESA arm, or wall & desktop mount with optional mounting kit
- **Power Input** External 42 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 3.5 A output
- **Video Port** VGA
- **Weight (Net)** 1.82 kg (4.01 lbs)

LCD Display

- **Display Type** VGA TFT LCD
- **Display Size** 6.5"
- **Max. Resolution** 640 x 480
- **Max. Color** 262 K
- **Viewing Angle (H/V°)** 140/120
- **Luminance (cd/m²)** 300
- **Backlight Life (hrs)** 50,000
- **Contrast Ratio** 500 : 1

Touchscreen (Optional)

- **Sensor** AMT
- **Driver** Penmount 9000 (RS-232)
Penmount 5000 (USB)
- **Type** 4-wire Resistive
- **Interface** RS-232 or 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)

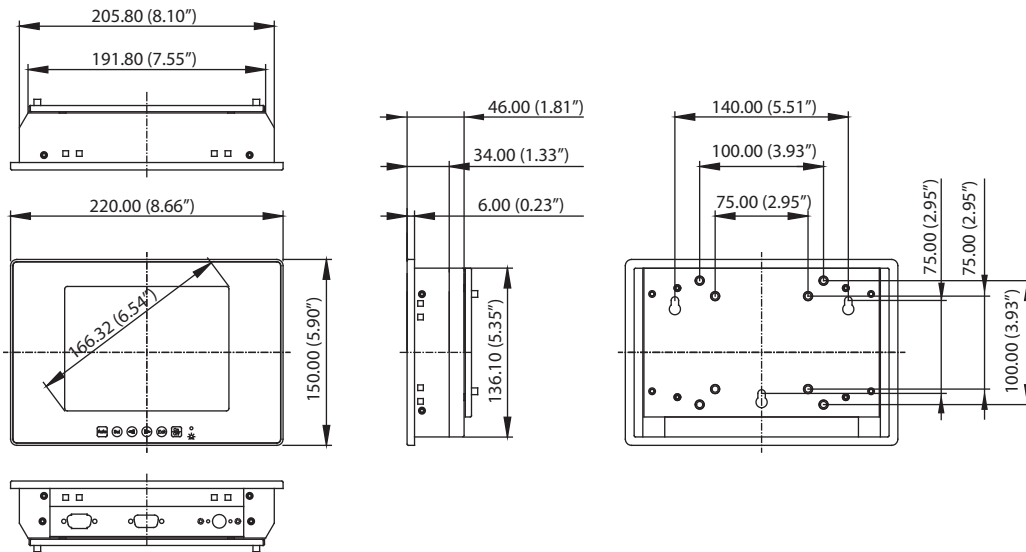
Ordering Information

- **FPM-3060G-XAE** 6.5" VGA Ind. Monitor
- **FPM-3060G-RAE** 6.5" VGA Ind. Monitor w/Resistive TS (RS-232)
- **FPM-3060G-UAE** 6.5" VGA Ind. Monitor w/Resistive TS (USB)
- **PWR-246E** DC to DC Converter w/24-48 V_{DC} Power Input

Dimensions

Unit: mm

FPM-3060G-XAE



Panel Cut-out Dimensions: 209.8 x 140.1 mm (8.25" x 5.51")

Accessories

- **FPM-3060G-VMKE** Mounting Kit for VESA arm
- **1700001524** Power Cable US Plug 1.8 M
- **170203180A** Power Cable UK Plug 1.8 M
- **170203183C** Power Cable EU Plug 1.8 M

I/O View

