FPM-8151H

15" XGA Industrial Monitor with 316L Stainless Steel Front Panel for Hazardous Environments

Features

- 15" XGA TFT LCD with LED backlight
- Stainless steel 316L front panel
- IP65 compliant front panel
- -20 ~ 60°C (-4 ~ 140°F) wide operating temperature range
- Enhanced 5-wire resistive touch panel
- Direct VGA & DVI-D video input interface
- Combo RS-232 & USB interface for touchscreen function
- Supports 24 V_{DC} input and 100~240 V_{AC} input (optional AC adapter)
- OSD control pad with lockable function on front panel
- UL CID2 certified for hazardous environments

Introduction

The FPM-8151H is a rugged and reliable 15" XGA, wide-temperature industrial monitor aimed at diverse applications. With support for a wide operating temperature range (-20 ~ 60°C/-4 ~ 140°F) and UL Class I, Division 2, certification for hazardous environments, FPM-8151H is built to withstand operation in harsh industrial environments. The FPM-8151H monitor also features enhanced 5-wire resistive touch control and system isolation for enhanced reliability.

Specifications

General

- **Button Controls**: OSD control pad on front panel with lockable function 2 user-defined contrast/brightness settings
- **Certification**: CE, FCC Class A, UL C1D2, CB, BSMI, CCC
- **Dimensions (W x H x D)**: 422 x 338 x 68 mm (16.61 x 13.31 x 2.68 in)
- **Enclosure**: Front panel: 316L Stainless steel Rear cover: Stainless steel with ground isolation protection
- **Mount Options**: Panel, wall, desktop, VESA arm
- **Power Input**: Phoenix Jack: 24 V_{DC} input DC Jack: external 60 W power adapter, with 100 ~ 240 V_{AC} input and 12 V_{DC} @ 5A output (Optional)
- **Power Consumption**: 12W
- **Video Port**: VGA & DVI-D Port
- **Weight (Net)**: 8.5 kg (18.74 lbs)

LCD Display

- **Display Type**: XGA TFT LCD
- **Backlight Type**: LED
- **Display Size**: 15"
- **Max. Resolution**: 1024 x 768
- **Max. Color**: 16.2M (RGB 8-bits)
- **Viewing Angle (H/V°)**: 160/140
- **Luminance (cd/m²)**: 350
- **Backlight Life**: 50,000 hr
- **Contrast Ratio**: 700:1

Touchscreen

- **Sensor**: AMT
- **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**: > 80%
- **OS Support**: Windows 2000, XP, Vista, 7, XPe, CE and Linux
- **Power Consumption**: +5 V @ 100 mA
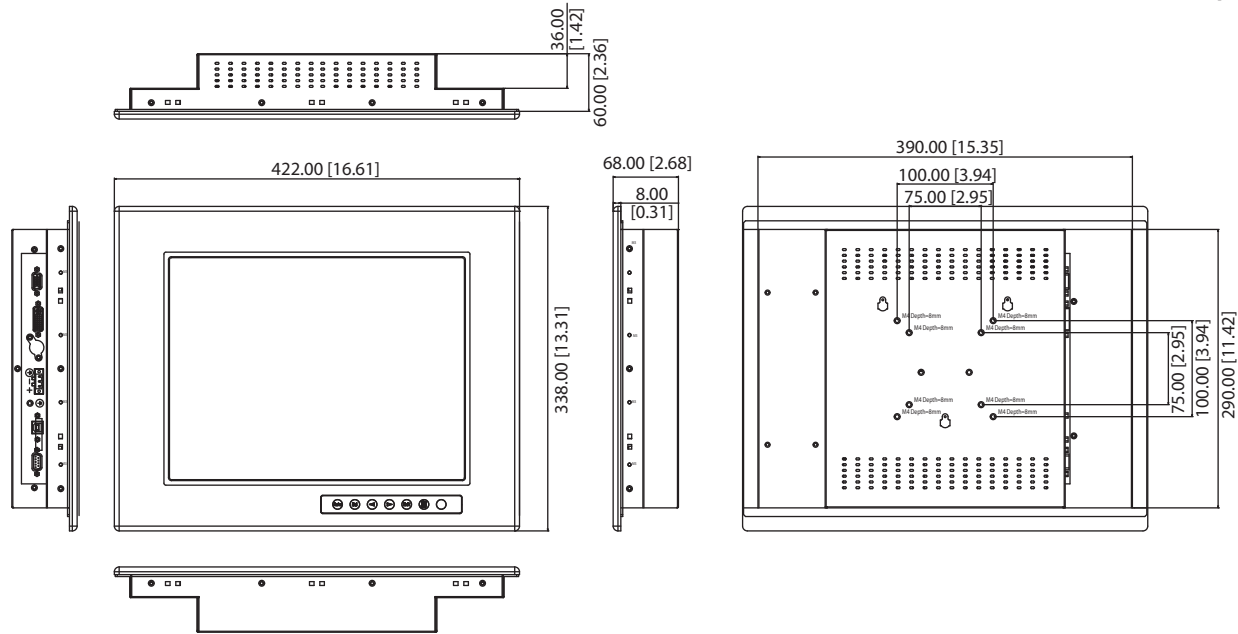- **Touch Resolution**: Linearity

Environment

- **Operating Temperature**: -20 ~ 60 °C (-4 ~ 140 °F)
- **Storage Temperature**: -30 ~ 80 °C (-22 ~ 176 °F)
- **Humidity (Storage)**: 10 ~ 95% non-condensing
- **Waterproof**: Front panel is IP65 compliant
- **Shock**: 11ms, 10G (Non Operating, Half Sine Wave)
- **Vibration**: 5 ~ 500 Hz, 1 Grms (Operating, Random)

Kreski

Zapraszamy do kontaktu!
Więcej informacji: www.kreski.pl

Dimensions

Unit: mm [inch]

36.00 [1.42]
60.00 [2.36]

422.00 [16.61]

68.00 [2.68]

8.00 [0.31]

338.00 [13.31]

390.00 [15.35]
100.00 [3.94]
75.00 [2.95]

M4 Depth=8mm
M4 Depth=8mm

M4 Depth=8mm
M4 Depth=8mm

M4 Depth=8mm
M4 Depth=8mm

75.00 [2.95]
100.00 [3.94]
290.00 [11.42]

Panel Cutout Dimensions: 396 x 296 mm (15.59 x 11.65 in)
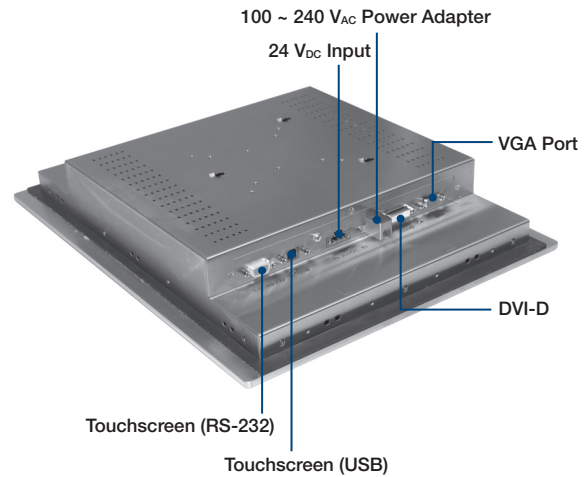
Ordering Information

- **FPM-8151H-R3BE**   15" XGA Ind. Monitor VGA, DVI, Wide Temp

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
- **1702031836**   Power Cable China/Australia Plug 1.8 M
- **96PSA-A60W12V1-1**   ADP A/D 100-240V 60W 12V C14 DC PLUG 180°
- **FPM-1000T-SMKE**   Desktop/Wall Mounting kit for FPM series
- **FPM-3151G-RMKE**   Rack-Mount Kit

I/O View

100 ~ 240 V$_{AC}$ Power Adapter

24 V$_{DC}$ Input

VGA Port

DVI-D

Touchscreen (RS-232)

Touchscreen (USB)