### Introduction

FPM-800S series is a rugged and reliable industrial monitor, which also supports wide-temperature that make it suits almost all applications. True flat IP66-rated front brings not only the elegant outlook, it also provides protection from water and dust intrusion that making daily cleaning easier. With the support for a wide operating temperature range (-20 ~ 60°C / -4 ~ 140°F) and 304 stainless steel front bezel, FPM-800S is especially suitable in hygiene-demanding and hazardous environments.

### Specifications

#### General

- **OSD Controls**: OSD control pad on rear panel with lockable function
- **Certification**: CE, FCC Class A, BSMI, CCC, UL
- **Dimensions (W x H x D)**: 432.5 x 365.5 x 59.3 (17.03 x 14.39 x 2.33 in)
- **Enclosure**: Front panel: 304 stainless steel bezel; Rear cover: SPCC with anti-rust coating
- **Mount Options**: Panel, wall, desktop, VESA arm
- **Power Input**: Phoenix Jack; 24 VDC input
- **Power Consumption**: 12W +20%
- **Video Port**: VGA & DP Port
- **Weight (Net)**: 7.73 kg (17.04 lbs)

#### LCD Display

- **Display Type**: SXGA TFT LCD
- **Backlight Type**: LED
- **Display Size**: 17”
- **Max. Resolution**: 1280 x 1024
- **Max. Color**: 16.7M
- **Viewing Angle (H/V °)**: 160/140
- **Luminance (cd/m²)**: 350
- **Backlight Life**: 50,000 hr
- **Contrast Ratio**: 800:1

#### Features

- 17” SXGA TFT LED LCD with 50K backlight lifetime
- Robust design with 304 stainless steel front bezel and anti-rust coated SPCC 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 IP66-certified front panel
- Direct VGA & DP video input interface
- OSD control pad with lockable function on rear panel
- Supports panel, VESA, wall, desktop, and stand mounting

#### Touchscreen

- **Driver**: Penmount 6000
- **Type**: 5-wire resistive with enhanced ITO film
- **Interface**: USB
- **Lifespan**: 36 million with a silicone rubber R8 finger, writing rate is by 250g at 2 times/s
- **Light Transmission**: > 80%
- **OS Support**: Windows XP, 2000, Vista, 7/8/10 Embedded, CE, Linux

#### Environment

- **Operating Temperature**: -20 ~ 60 °C (-4 ~ 140 °F)
- **Storage Temperature**: -30 ~ 70 °C (-22 ~ 158 °F)
- **Humidity (Storage)**: 10 ~ 90% non-condensing
- **IP Rating**: Front panel IP66
- **Shock**: 11ms, 10G (Non Operating, Half Sine Wave)
- **Vibration**: 5 ~ 500 Hz, 1 Grms (Operating, Random)

### Ordering Information

- **FPM-817S-R6AE**: 17” SXGA Ind. Monitor w/ SS Front, Wide Temp, Res. TS
Dimensions

Panel Cutout Dimensions: 382 x 320 mm (15.04 x 10.91 in)

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
- 170000596-11 Power Cable China/Australia Plug 1.8 M
- FPM-1000T-SMKE Desktop/Wall Mounting kit for FPM series
- 96PSA-A60W24T2 Adapter 100-240V 60W 24V 2.5A

Front View

304 Stainless Steel Front Bezel
LED Indicator

Rear View

VESAMount
OSD Control Keys
TS Interface-USB Port

24V DC Power Input with Phoenix Jack
VGA Port
Display Port
Panel Mount