

FPM-215W

15.6" WXGA Industrial Monitor with P-CAP Touch Control, Direct HDMI Port



Features

- 15.6" WXGA TFT LED LCD with true-flat touchscreen
- 16:9 wide screen aspect ratio, increases viewing area by 40%
- Supports 10-point multi-touch control via USB interface in Windows 7/8/10 OS
- Slim design enables easy installation
- Supports various mount options: panel, wall, desktop, and VESA arm
- Touchscreen with reliable glass surface and P-CAP touch control
- Robust system with Die-casting aluminum chassis and IP66-rated aluminum alloy front bezel
- Lockable I/O connectors



Introduction

In IIoT and Industry 4.0, more and more customers need data to be visualized to help process management and decision making. The FPM-215W is an industrial-grade, widescreen monitor with sleek, simple lines and a true-flat touchscreen. Equipped with P-CAP 10-point multi-touch control and an IP66-rated front bezel, FPM-215W is designed for intuitive operation in industrial environments such as smart factory and machine automation display applications.

Specifications

General

- **Certification** BSMI, CCC, CE, FCC Class A, UL, CB
- **Dimensions (W x H x D)** 419.7 x 269 x 56.2 mm (16.52" x 10.59" x 2.21")
- **Enclosure** Front panel: Die-casting aluminium, Rear cover: Die-casting aluminium
- **Mounting** Panel, VESA arm
- **Power Input** External 60 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 5 A output (included)
- **Video Port** HDMI
- **Weight (Net)** 4kg (8.82 lb)

LCD Display

- **Display Type** WXGA TFT LED LCD
- **Display Size** 15.6"
- **Max. Resolution** 1366 x 768
- **Max. Color** 16.7M
- **Viewing Angle (H/V)°** 160/160
- **Luminance (cd/m²)** 300
- **Backlight Life (hrs)** 50,000
- **Contrast Ratio** 500:1

Touchscreen

- **Type** Projected capacitive touch
- **Interface** USB
- **OS Support** Windows® 7, 8, 10, XPe, CE and Linux
- **Hardness** 7H
- **Multi Touch** 10 points, USB interface in Win 7/8/10, Linux

Environment

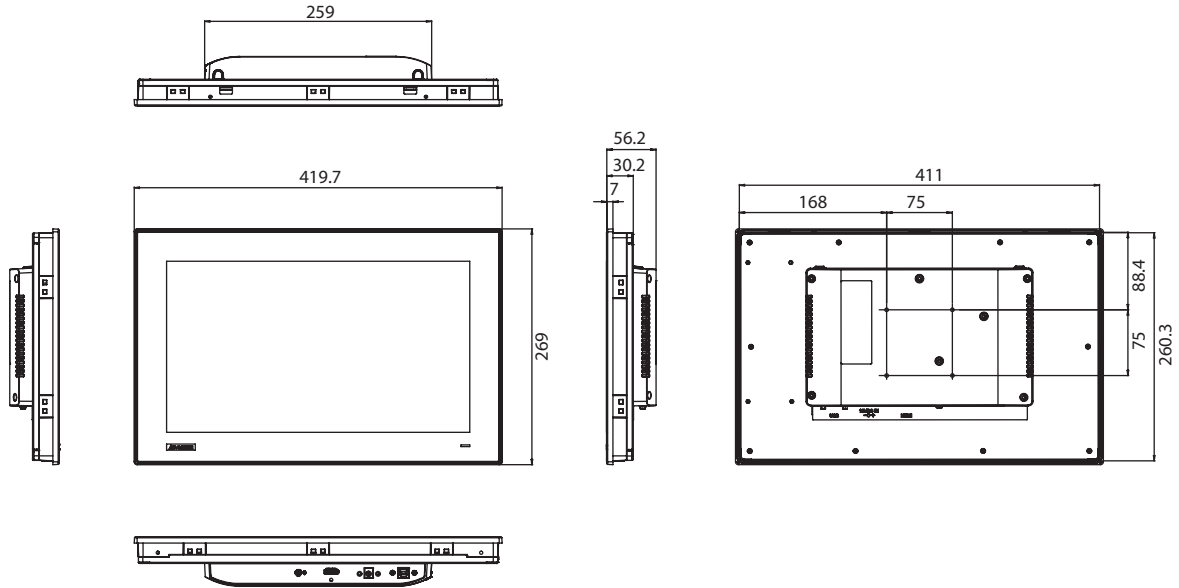
- **Operation Temperature** 0 ~ 50°C (32 ~ 122°F)
- **Storage Temperature** -20 ~ 60°C (-4 ~ 140°F)
- **Humidity (Storage)** 10 ~ 95% non-condensing
- **Waterproof** Front Panel IP66 Compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-215W-P4AE** 15.6" WXGA Industrial Monitor with PCAP Touch Control, Direct HDMI Input (Adapter included)
- **FPM-215W-P1AE** 15.6" WXGA Industrial Monitor with PCAP Touch Control, Direct VGA Input (Adapter included)

Dimensions

Unit: mm



Cut-out Dimensions: 412.40 x 261.70 mm (16.24 x 10.30 in)

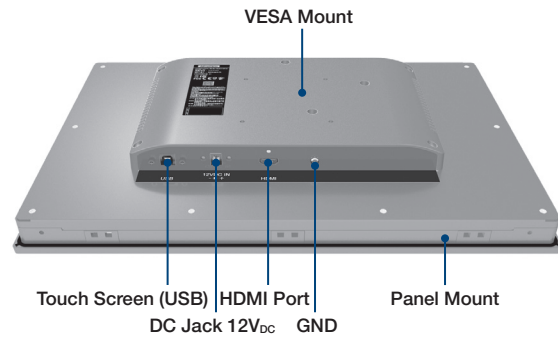
Optional Accessories

- **FPM-1000T-SMKE** Desktop/Wall Mounting kit for FPM series
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1700000596** Power Cable China/Australia Plug 1.8 M
- **1702002600** Power Cable US Plug 1.8 M
- **1960073687N001** Adaptor Bracket

Front View

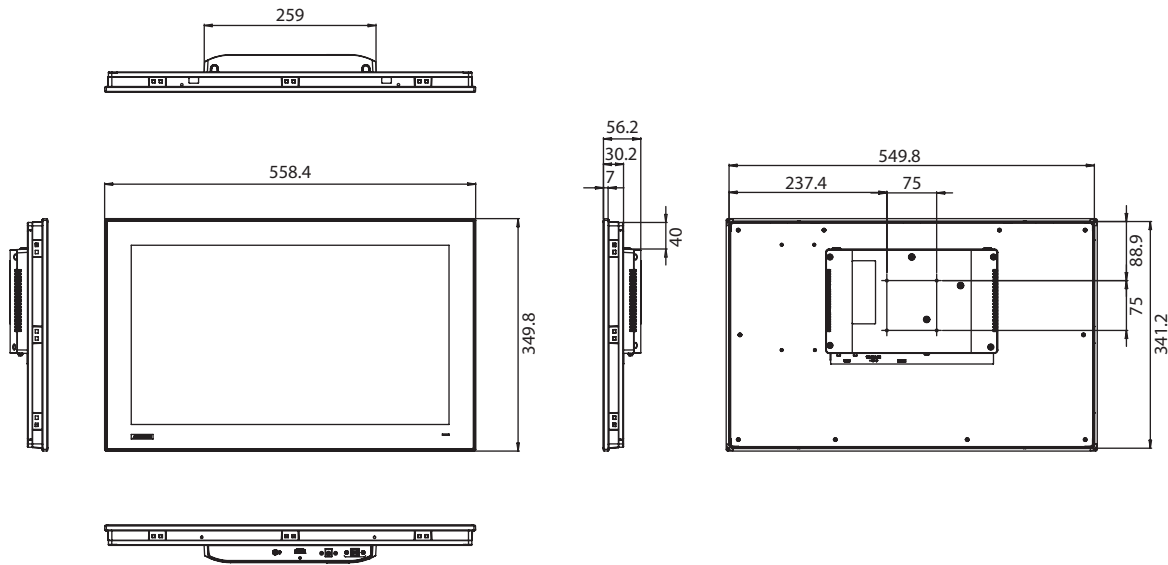


Rear View



Dimensions

Unit: mm



Cut-out Dimensions: 550.30 x 341.8 mm (21.67 x 13.46 in)

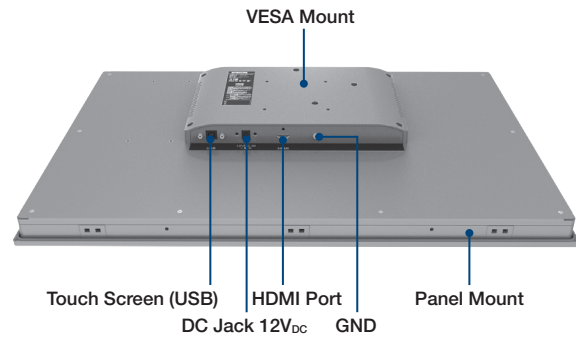
Optional Accessories

- **FPM-1000T-SMKE** Desktop/Wall Mounting kit for FPM series
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1700000596** Power Cable China/Australia Plug 1.8 M
- **1702002600** Power Cable US Plug 1.8 M
- **1960073687N001** Adaptor Bracket

Front View



Rear View



FPM-815S

15" XGA Industrial Monitor with Resistive Touch Control, Direct VGA, DP Ports, and 304 Stainless Steel Front Bezel



Features

- 15" XGA TFT LED LCD with 70K 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

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
Two user-defined contrast/brightness settings
- **Certification** CE, FCC Class A, BSMI, CCC, UL
- **Dimensions (W x H x D)** 405.3 x 329.4 x 59.3 (15.96 x 12.97 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 V_{DC} input
- **Power Consumption** 12W +20%
- **Video Port** VGA & DP Port
- **Weight (Net)** 7.73 kg (17.04 lbs)

LCD Display

- **Display Type** XGA TFT LCD
- **Backlight Type** LED
- **Display Size** 15"
- **Max. Resolution** 1024 x 768
- **Max. Color** 16.7M
- **Viewing Angle (H/V °)** 176/176
- **Luminance (cd/m²)** 500
- **Backlight Life** 70,000 hr
- **Contrast Ratio** 2500:1

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

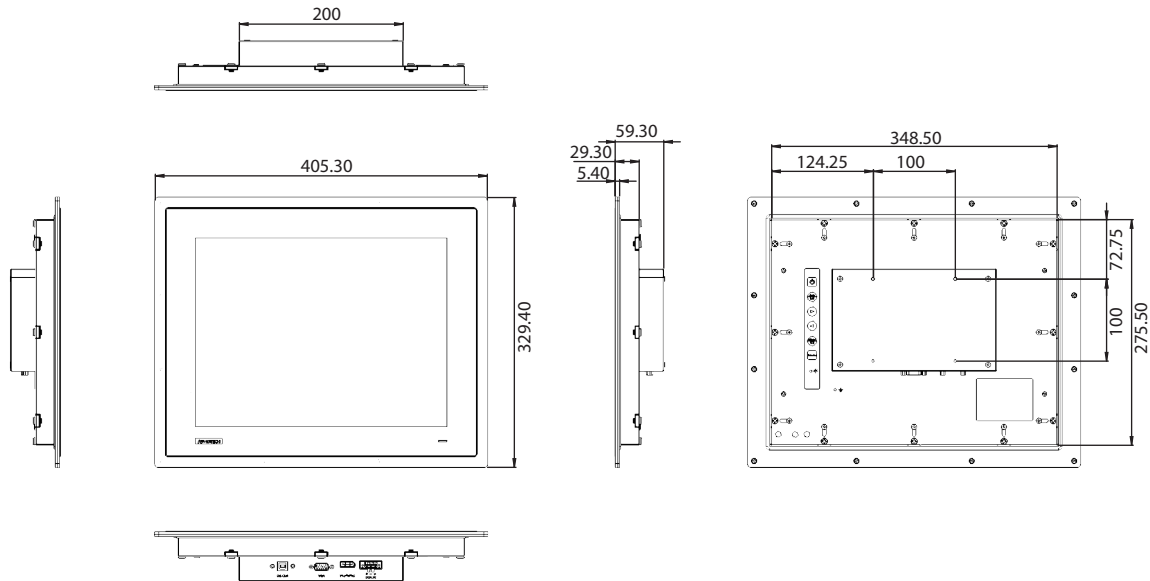
- **Operating Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Storage Temperature** -30 ~ 70 °C (-22 ~ 158 °F)
- **Humidity (Storage)** 10 ~ 90% non-condensing
- **IP Rating** Front panel IP66
- **Shock** 11ms, 10G (Non Operating, Half Sine Wave)
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-815S-R6AE** 15" XGA Ind. Monitor w/ SS Front, Wide Temp, Res. TS

Dimensions

Unit: mm

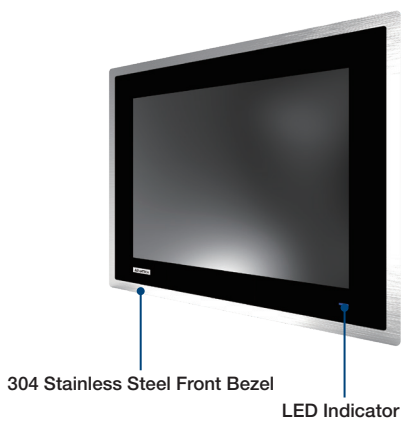


Panel Cutout Dimensions: 350 x 277 mm (13.78 x 10.91 inch)

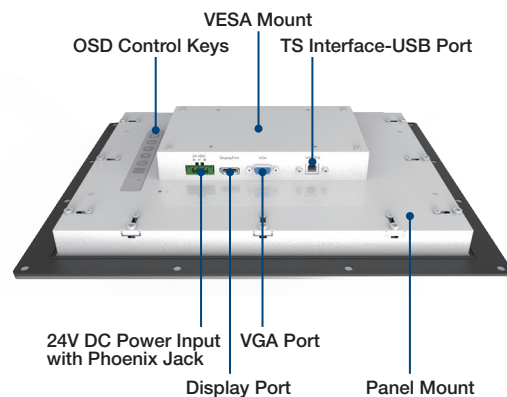
Optional Accessories

- 1702002600 Power Cable US Plug 1.8 M
- 1702002605 Power Cable EU Plug 1.8 M
- 1702031801 Power Cable UK Plug 1.8 M
- 1700000596-11 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



Rear View



FPM-1150G

15" XGA Industrial Monitor with Resistive Touchscreen and VGA / HDMI Port

NEW



Features

- 15" XGA TFT LED LCD with 70,000 backlight life time
- Robust design with aluminum front panel
- Supports VGA or HDMI interface with USB touchscreen
- Supports panel, wall, desktop, or VESA arm mounting
- Lockable HDMI port (optional)

Introduction

In IoT and Industry 4.0, more and more customers need data to be visualized to help management decision making. FPM-1150G is an industrial-grade 15 TFT LCD monitor with LED backlight flat panel and a changeable front bezel (with updated appearance). FPM-1150G provides an entry level industrial monitor not only for industrial applications but also for a variety of IoT scenarios. The FPM-1150G front bezel can be changed to stainless steel for those applications requiring anti-corrosion or clean environments. In conclusion, FPM-1150G is a highly reliable, tough, and adaptable display solution for Industry 4.0 and IoT.

Specifications

General

- **Button Controls** Front iKey-type OSD buttons
- **Certification** CCC, CE, FCC, UL
- **Dimensions (W x H x D)** 392.3 x 313.6 x 51.2 mm (15.44" x 12.35" x 2.02")
- **Enclosure** Front panel: Die-casting aluminium, Rear cover: Die-casting aluminium
- **Mounting** Panel, wall, desktop, VESA arm
- **Power Input** External 60 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 5 A output (included)
- **Video Port** VGA / HDMI
- **Weight (Net)** 4kg (8.82 lb)

LCD Display

- **Display Type** XGA TFT LCD with LED backlight
- **Display Size** 15"
- **Max. Resolution** 1024 x 768
- **Max. Color** 16.2M
- **Viewing Angle (H/V)°** 160°(V), 140°(H)
- **Luminance (cd/m²)** 300
- **Backlight Life (hrs)** 70,000
- **Contrast Ratio** 2000:1

Touchscreen

- **Interface Combo** USB Interface
- **Lifespan** 36 million times with R8 silicone rubber finger, @ 2 250g presses per second
- **OS Support** Windows® 7, 8, 10, XPe, CE and Linux

Environment

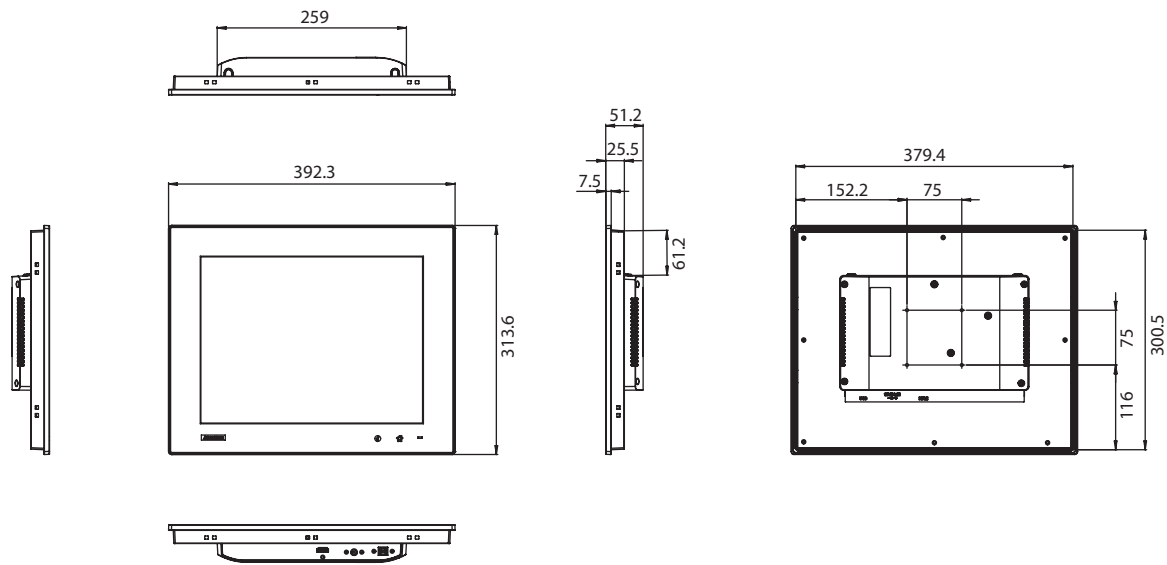
- **Operation Temperature** 0 ~ 50°C (32 ~ 122°F)
- **Storage Temperature** -20 ~ 60°C (-4 ~ 140°F)
- **Humidity (Storage)** 10 ~ 95% non-condensing
- **Waterproof** Front Panel IP65 Compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (operating, random)

Ordering Information

- **FPM-1150G-RVAE** 15" XGA Industrial monitor W/ res, touch & VGA input (adapter included)
- **FPM-1150G-RHAE** 15" XGA Industrial monitor W/ res, touch & HDMI input (adapter included)

Dimensions

Unit: mm

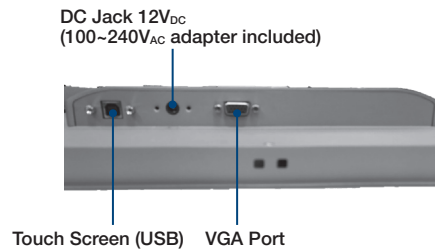


Cut-out Dimensions: 381.4 x 302.5 mm

Optional Accessories

- **FPM-1000T-SMKE** Desktop/Wall Mounting kit for FPM series
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1700000596** Power Cable China/Australia Plug 1.8 M
- **1702002600** Power Cable US Plug 1.8 M

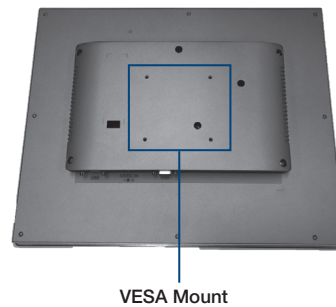
I/O View



Front View



Rear View



FPM-2120G

12" XGA Industrial Monitor with Resistive Touch Control and Direct VGA Port



Features

- 12" XGA TFT LED LCD with 50K backlight lifetime
- Robust design with aluminum front panel
- Anti-glare screen with tempered glass
- Supports panel, wall, desktop, rack, and VESA arm mounting
- Combo RS-232+USB interface for touchscreen functionality

Introduction

The FPM-2120G is a competitively priced industrial-grade, 12" TFT LCD flat panel monitor equipped with an LED backlight, aluminum-magnesium front panel, and sleek, low-profile design. The FPM-2120G monitor is extremely lightweight and thin, and offers many industrial-grade features including a stainless steel chassis and flexible VESA mounting. Moreover, the FPM-2120G monitor is especially suitable for integration with industrial PCs, such as Advantech's IPC-610 or IPC-6806 systems. These combinations provide extremely tough, reliable solutions that can support a wide range of industrial applications.

Specifications

General

- **OSD Controls** OSD control buttons on rear panel
- **Certification** BSMI, CCC, CE, FCC, UL
- **Dimensions (W x H x D)** 311 x 237 x 40.63 mm (12.24 x 9.33 x 1.60 in)
- **Enclosure** Front panel: Aluminum, Rear cover: SECC chassis
- **Mount Options** Panel, wall, desktop, VESA arm
- **Power Input** External 60 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 5 A output (included)
- **Video Port** VGA
- **Weight (Net)** 4 kg (8.82 lb)

LCD Display

- **Display Type** XGA TFT LCD with LED backlight
- **Display Size** 12.1"
- **Max. Resolution** 1024 x 768
- **Max. Color** 16.2M
- **Viewing Angle (H/V) °** 160 °(V), 140 °(H)
- **Luminance (cd/m²)** 600
- **Backlight Life** 50,000 hr
- **Contrast Ratio** 700:1

Touchscreen

- **Interface Combo** RS-232 & USB interface
- **Lifespan** 36 million times with R8 silicone rubber finger, @ 2 x 250g presses per second
- **OS Support** Windows® XP, Vista, 7, 8, 10, XPe, CE and Linux

Environment

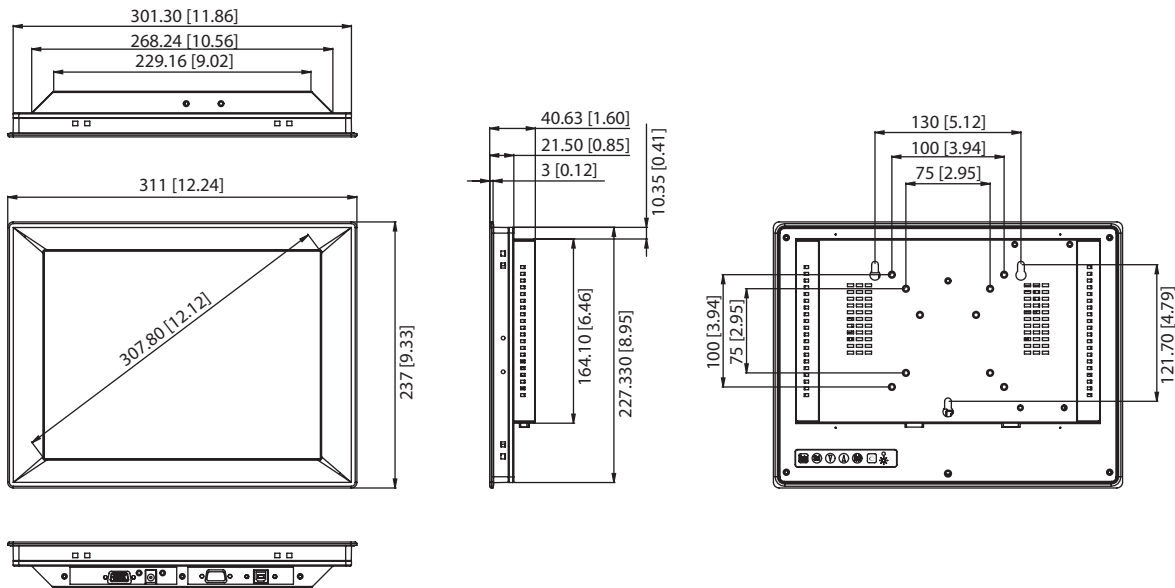
- **Operating Temperature** 0 ~ 50 °C (32 ~ 122 °F)
- **Storage Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Humidity (Storage)** 10 ~ 95% non-condensing
- **IP Rating** Front panel is IP65 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-2120G-R3BE** 12.1" XGA Industrial LED Monitor w/Resistive TS (RS-232 and USB interfaces)

Dimensions

Unit: mm [inch]



Panel Cutout Dimensions: 303 x 229 mm (11.93 x 9.02 in)

Optional Accessories

- **FPM-1000T-SMKE** Desktop/Wall Mounting kit for FPM series
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1700000596-11** Power Cable China/Australia Plug 1.8 M
- **1702002600** Power Cable US Plug 1.8 M

I/O View

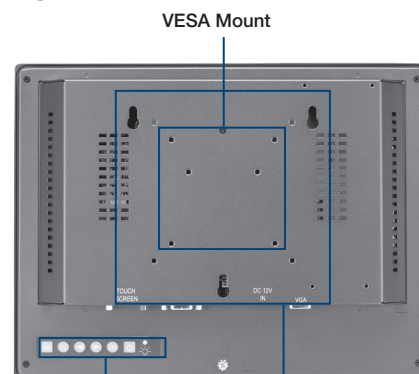


Touchscreen (USB) VGA Port
 Touchscreen (RS-232) DC Jack 12V_{dc}
 (100 ~ 240V_{AC} adapter included)

Front View



Rear View



VESA Mount
 OSD Control Keys Wallmount

FPM-2150G

15" XGA Industrial Monitor with Resistive Touch Control and Direct VGA Port



Features

- 15" XGA TFT LED LCD with 50K backlight lifetime
- Robust design with IP65-certified aluminum front panel
- Lockable OSD control buttons on rear panel
- Anti-glare screen with tempered glass
- Supports panel, wall, desktop, rack, and VESA arm mounting
- Combo RS-232+USB interface for touchscreen functionality

Introduction

The FPM-2150G is a competitively priced industrial-grade, 15" TFT LCD flat panel monitor equipped with an LED backlight, aluminum-magnesium front panel, and sleek, low-profile design. The FPM-2150G monitor is extremely lightweight and thin, and offers many industrial-grade features including a stainless steel chassis and flexible VESA mounting. Moreover, the FPM-2150G monitor is especially suitable for integration with industrial PCs, such as Advantech's IPC-610 or IPC-6806 systems. These combinations provide extremely tough, reliable solutions that can support a wide range of industrial applications.

Specifications

General

- **OSD Controls** OSD control buttons on rear panel
- **Certification** BSMI, CCC, CE, FCC, UL
- **Dimensions (W x H x D)** 383 x 307 x 48.13 mm (15.08 x 12.09 x 1.89 in)
- **Enclosure** Front panel: Aluminum with coating, Rear cover: SECC coating chassis
- **Mount Options** Panel, wall, desktop, VESA arm, or rackmount with optional mounting kit
- **Power Input** External 60 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 5 A output (included)
- **Video Port** VGA
- **Weight (Net)** 4.5 kg (9.9 lb)

LCD Display

- **Display Type** XGA TFT LCD with LED backlight
- **Display Size** 15"
- **Max. Resolution** 1024 x 768
- **Max. Color** 16.2M
- **Viewing Angle (H/V) °** 160, 140
- **Luminance (cd/m²)** 400
- **Backlight Life** 50,000 hr
- **Contrast Ratio** 700: 1

Touchscreen

- **Interface Combo** RS-232 & USB interface
- **Lifespan** 36 million times with R8 silicone rubber finger, @ 2 x 250g presses per second
- **OS Support** Windows® XP, Vista, 7, 8, 10, XPe, CE and Linux

Environment

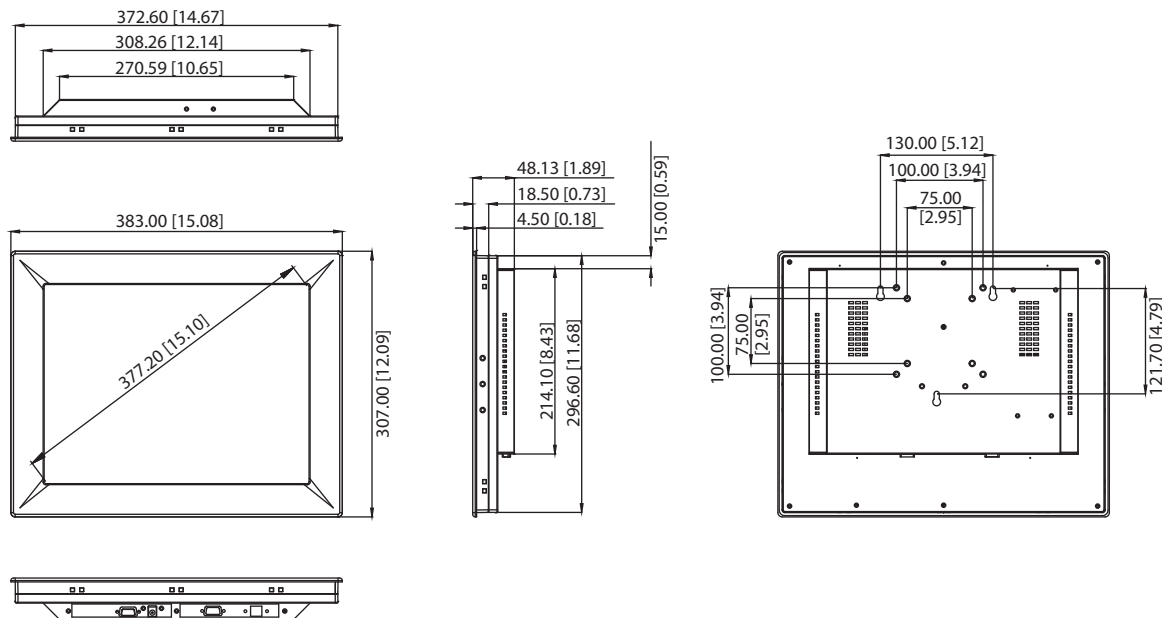
- **Operating Temperature** 0 ~ 50 °C (32 ~ 122 °F)
- **Storage Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Humidity (Storage)** 10 ~ 95% non-condensing
- **IP Rating** Front panel is IP65 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-2150G-R3BE** 15" XGA Industrial LED Backlight Monitor w/Resistive TS (RS-232 and USB interfaces)

Dimensions

Unit: mm [inch]



Panel Cutout Dimensions: 374.5 x 298.5 mm (14.74 x 11.75 in)

Optional Accessories

- **FPM-2150G-R1MKE** FPM-2150G Rack-Mount Kit
- **FPM-1000T-SMKE** Desktop/Wall Mounting kit for FPM series
- **1702002600** Power Cable US Plug 1.8 M
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1700000596-11** Power Cable China/Australia Plug 1.8

I/O View



Touchscreen (USB)

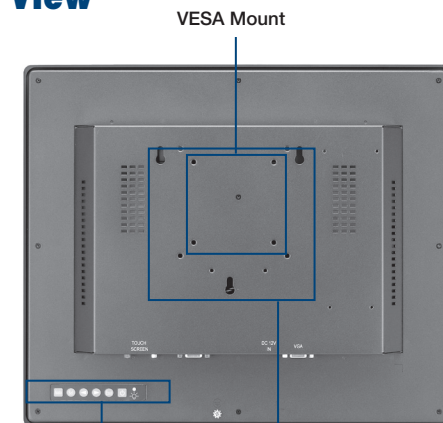
VGA Port

Touchscreen (RS-232) DC Jack 12V_{DC}
(100 ~ 240V_{AC} adapter included)

Front View



Rear View



VESA Mount

OSD Control Keys

Wallmount

FPM-2170G

17" SXGA Industrial Monitor with Resistive Touch Control and Direct VGA Port



Features

- 17" SXGA TFT LED LCD with 50K backlight lifetime
- Robust design with aluminum front panel
- Anti-glare screen with tempered glass
- Supports panel, wall, desktop, and VESA arm mounting
- Combo RS-232+USB interface for touchscreen functionality

Introduction

The FPM-2170G is a competitively priced industrial-grade, 17" TFT LCD flat panel monitor equipped with an LED backlight, aluminum-magnesium front panel, and sleek, low-profile design. The FPM-2170G monitor is extremely lightweight and thin, and offers many industrial-grade features including a stainless steel chassis and flexible VESA mounting. Moreover, the FPM-2170G monitor is especially suitable for integration with industrial PCs, such as Advantech's IPC-610 or IPC-6806 systems. These combinations provide extremely tough, reliable solutions that can support a wide range of industrial applications.

Specifications

General

- **OSD Controls** OSD control buttons on rear panel
- **Certification** BSMI, CCC, CE, FCC, UL
- **Dimensions (W x H x D)** 413.72 x 347.22 x 52.13 mm (16.29 x 13.67 x 2.05 in)
- **Enclosure** Front panel: Aluminum, Rear cover: SECC chassis
- **Mount Options** Panel, wall, desktop, VESA arm
- **Power Input External** 60 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 5 A output (included)
- **Video Port** VGA
- **Weight (Net)** 5.60 kg (12.34 lb)

LCD Display

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

Touchscreen

- **Interface Combo** RS-232 & USB interface
- **Lifespan** 36 million times with R8 silicone rubber finger, @ 2 x 250g presses per second
- **OS Support** Windows® XP, Vista, 7, 8, 10, XPe, CE and Linux

Environment

- **Operating Temperature** 0 ~ 50 °C (32 ~ 122 °F)
- **Storage Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Humidity (Storage)** 10 ~ 95% non-condensing
- **IP Rating** Front panel is IP65 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-2170G-R3BE** 17" SXGA Industrial LED Monitor w/Resistive TS (RS-232 and USB interfaces)

FPM-3121G

12.1" SVGA Industrial Monitor with Resistive Touch Control, Direct VGA, DVI Ports, and Wide Operating Temperature



Features

- 12.1" SVGA TFT LED LCD with 50K backlight lifetime
- Robust anodized aluminum-coated front bezel and stainless steel 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 IP65-certified front panel
- Ground isolation protection for entire system
- Supports VGA/DVI input, dual touch interfaces, and two power inputs
- Front-lockable OSD keys with user-defined functions
- IP65-rated front panel
- Supports panel, VESA, wall, desktop, and stand mounting

Introduction

The FPM-3121G is an extremely rugged and reliable 12.1" SVGA industrial monitor aimed at diverse industrial applications. Equipped with a hard anodized-aluminum coating, stainless steel chassis, and wide operating temperature range (-20 ~ 60 °C/-4 ~ 140 °F), FPM-3121G can withstand operation in a wide range of harsh industrial environments. This monitor also features enhanced 5-wire resistive touch control and overall ground isolation protection to enhance the system's reliability. Additionally, the FPM-3121G is equipped with lockable OSD keys on the front panel that control two user-defined function settings.

Specifications

General

- **OSD Controls** OSD control pad on front side with lockable function
Two user-defined contrast/brightness settings
- **Certification** CE, FCC Class A, BSMI, CCC, UL, Energy Star
- **Dimensions (W x H x D)** 312 x 224 x 60 mm (12.28 x 8.82 x 2.36 in)
- **Enclosure** Front panel: Aluminum with hard anodized coating
Rear cover: Stainless steel chassis with ground isolation protection
- **Mount Options** Panel, VESA arm, wall, or desktop with optional mounting kit
- **Power Input** Phoenix Jack: 24 V_{DC} input
DC Jack: 12 V_{DC} input
- **Power Consumption** 13W +20%
- **Video Port** VGA & DVI-D Port
- **Weight (Net)** 4.07 kg (8.975 lbs)

LCD Display

- **Display Type** XGA TFT LCD
- **Backlight Type** LED
- **Display Size** 12.1"
- **Max. Resolution** 1024 x 768
- **Max. Color** 16.2M (RGB 8-bit)
- **Viewing Angle (H/V °)** 160 / 140
- **Luminance (cd/m²)** 600
- **Operation Life** 50,000 hr
- **Contrast Ratio** 700:1

Touchscreen

- **Driver** Penmount 6000
- **Type** 5-wire resistive with enhanced ITO film
- **Interface** USB & RS-232 (Combo)
- **Lifespan** 36 million with a silicone rubber of R8 finger, writing rate is by 250g at 2 times/s
- **Light Transmission** > 80%
- **OS Support** Windows XP,2000,Vista,7,8/8.1,10 , XP/7/8/10 Embedded,CE, Linux
- **Power Consumption** +5 V @ 100 mA
- **Touch Resolution** Linearity

Environment

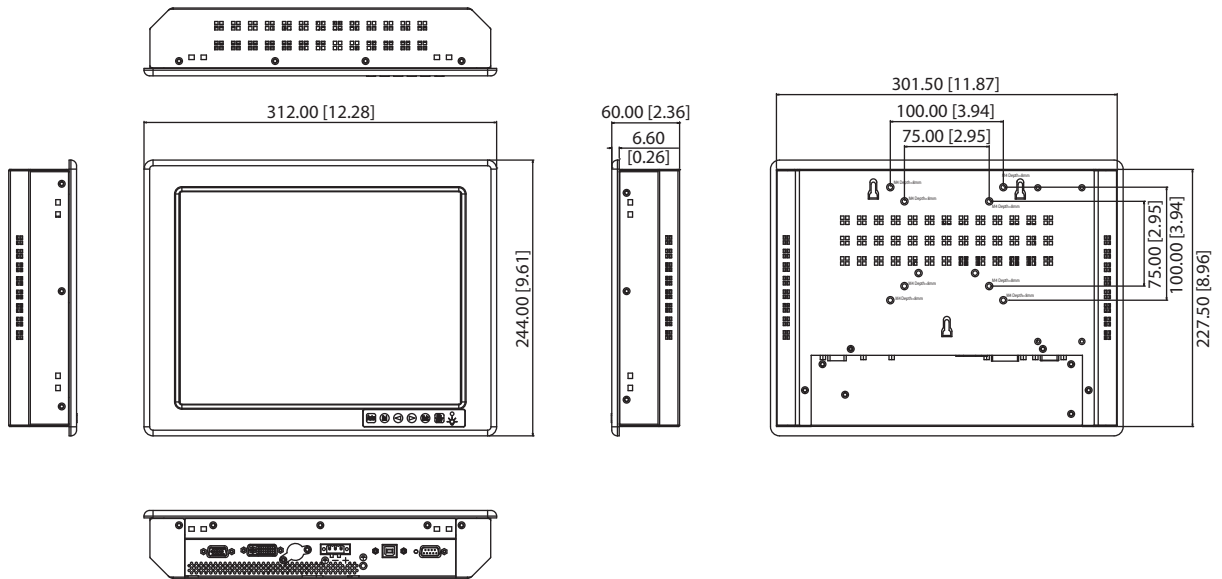
- **Operating Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Storage Temperature** -30 ~ 80 °C (-22 ~ 176 °F)
- **Humidity (Storage)** 90% @ 50 °C non-condensing
- **IP Rating** Front panel is IP65 compliant
- **Shock** 11ms, 10G (Non Operating, Half Sine Wave)
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-3121-R3BE** 12.1" SVGA Ind. Monitor w/ Wide Temp, Resistive TS

Dimensions

Unit: mm [inch]

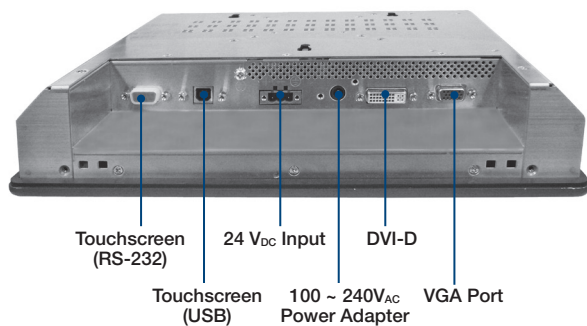


Panel Cutout Dimensions: 303.5 x 229.5 mm (11.95 x 9.04 in)

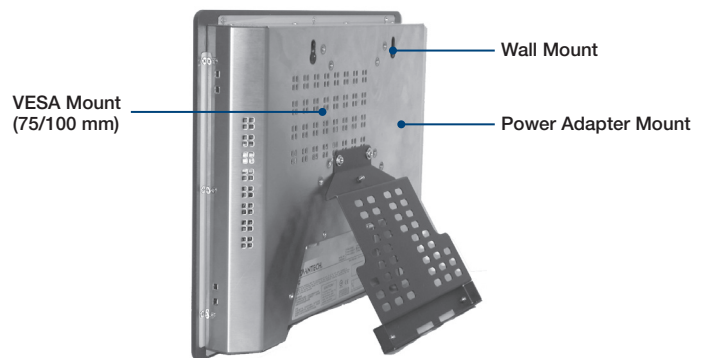
Optional Accessories

- **FPM-1000T-SMKE** Desktop/Wall Mounting kit for FPM series
- **1702002600** Power Cable US Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1702002605** Power Cable EU Plug 1.8 M
- **1700000596-11** Power Cable China/Australia Plug 1.8 M
- **96PSA-A60W12V1-1** Adapter 100-240V 60W 12V 5A
- **96PSA-A60W24T2** Adapter 100-240V 60W 24V 2.5
- **FPM-3000G-ADKE** Adapter bracket for FPM-3000 12"

I/O View



Mounting Method



FPM-3151G

15" XGA Industrial Monitor with Resistive Touch Control, Direct VGA, DVI Ports, and Wide Operating Temperature



Features

- 15" XGA TFT LED LCD with 50K backlight lifetime
- Robust anodized aluminum-coated front bezel and stainless steel 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 IP65-certified front panel
- Ground isolation protection for entire system
- Supports VGA/DVI input, dual touch interfaces, and two power inputs
- Front-lockable OSD keys with user-defined functions
- IP65-rated front panel
- Supports panel, VESA, wall, desktop, and stand mounting

Introduction

The FPM-3151G is an extremely rugged and reliable 15" XGA industrial monitor aimed at diverse industrial applications. Equipped with a hard anodized-aluminum coating, stainless steel chassis, and wide operating temperature range (-20 ~ 60 °C/-4 ~ 140 °F), FPM-3151G can withstand operation in a wide range of harsh industrial environments. This monitor also features enhanced 5-wire resistive touch control and overall ground isolation protection to enhance the system's reliability. Additionally, the FPM-3151G is equipped with lockable OSD keys on the front panel that control two user-defined function settings.

Specifications

General

- **OSD Controls** OSD control pad on front panel with lockable function
Two user-defined contrast/brightness settings
- **Certification** CE, FCC Class A, BSMI, CCC, UL, Energy Star
- **Dimensions (W x H x D)** 422 x 310 x 70 mm (16.61 x 12.2 x 2.76 in)
- **Enclosure** Front panel: Aluminum with hard anodizing coating
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: 12 V_{DC} input
- **Power Consumption** 12W +20%
- **Video Port** VGA & DVI-D Port
- **Weight (Net)** 7.73 kg (17.04 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-bit)
- **Viewing Angle (H/V °)** 160/140
- **Luminance (cd/m²)** 350
- **Backlight Life** 50,000 hr
- **Contrast Ratio** 700:1

Touchscreen

- **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 XP,2000,Vista,7,8/8.1,10 , XP/7/8/10 Embedded,CE,Linux
- **Power Consumption** +5 V @ 100 mA
- **Touch Resolution** Linearity

Environment

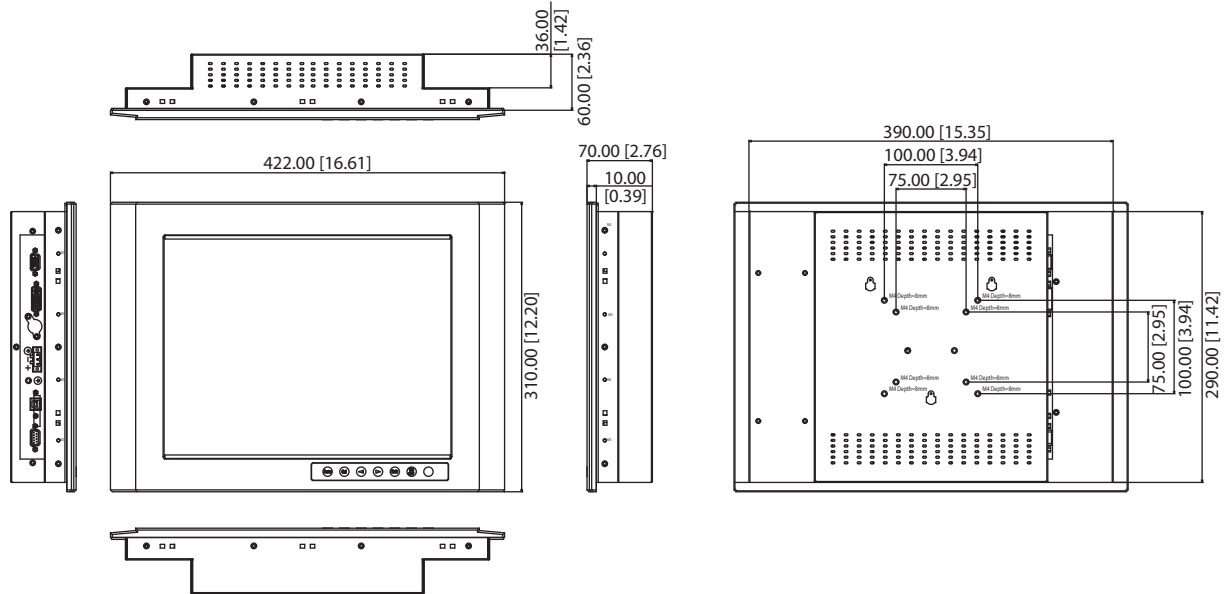
- **Operating Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Storage Temperature** -30 ~ 80 °C (-22 ~ 176 °F)
- **Humidity (Storage)** 90% @ 50 °C non-condensing
- **IP Rating** Front panel is IP65 compliant
- **Shock** 11ms, 10G (Non Operating, Half Sine Wave)
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-3151G-R3BE** 15" XGA Ind. Monitor w/ Wide Temp, Resistive TS

Dimensions

Unit: mm [inch]



Panel Cutout Dimensions: 392 x 292 mm (15.43 x 11.49 in)

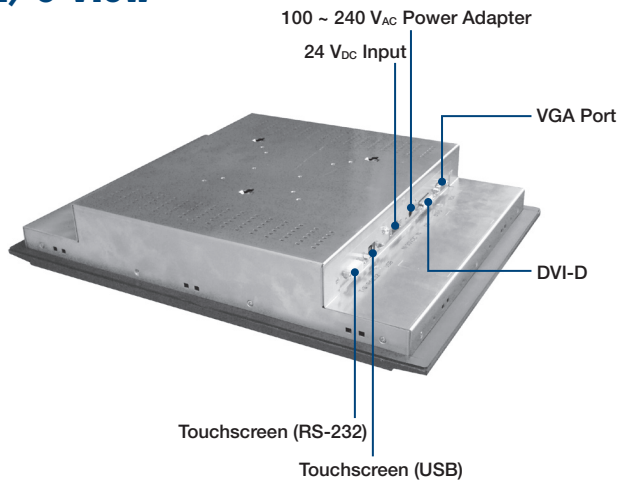
Optional Accessories

- 1702002600 Power Cable US Plug 1.8 M
- 1702002605 Power Cable EU Plug 1.8 M
- 1702031801 Power Cable UK Plug 1.8 M
- 1700000596-11 Power Cable China/Australia Plug 1.8 M
- FPM-1000T-SMKE Desktop/Wall Mounting kit for FPM series
- 96PSA-A60W12V1-1 Adapter 100-240V 60W 12V 5A
- 96PSA-A60W24T2 Adapter 100-240V 60W 24V 2.5A
- FPM-3001G-ADKE Adapter bracket for FPM-3000 15"/17"/19"

Rackmount (FPM-3151G-RMKE)



I/O View



FPM-3171G

8U Rackmount, 17" SXGA Industrial Monitor with Resistive Touch Control, Direct VGA, DVI Ports, and a Wide Operating Temperature Range



Features

- 17" SXGA TFT LED LCD with 50K backlight lifetime
- Robust design with stainless steel chassis and aluminum front panel
- Anti-glare screen with tempered glass and IP65-certified front panel
- Lockable OSD control pad on rear cover
- Supports 24 V_{DC} power input
- Supports panel, wall, desktop, rack, or VESA arm mounting
- Supports 8U pre-drilled rackmount mounting holes

Introduction

FPM-3171G is a 17" color TFT LCD flat panel monitor specifically designed for industrial applications. With a display size of 17", FPM-3171G provides an adequate display area with sharp and vivid images. The monitor also supports direct VGA signal transmissions, allowing users to upgrade the displays without altering the existing infrastructure. The provision of OSD function keys makes it easy to adjust the onscreen display. Furthermore, the stainless steel chassis and IP65-rated aluminum front panel ensure suitability for industrial applications.

Specifications

General

- **OSD Controls** OSD control pad on front panel
- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)** 482 x 354.8 x 63.5 mm (18.98 x 13.97 x 2.52 in)
- **Enclosure** Front panel: Aluminum with coating
Rear cover: Stainless steel chassis
- **Mount Options** Panel, wall, desktop, VESA arm, and 19" rackmount
- **Power Input** Phoenix Jack: 24 V_{DC} input
DC Jack: 12 V_{DC} Input
- **Power Consumption** 23W +20%
- **Video Port** VGA & DVI-D port
- **Weight (Net)** 9.25 kg (20.39 lb)

LCD Display

- **Display Type** 'SXGA TFT LCD with LED backlight
- **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** 1000:1

Touchscreen

- **Driver** Penmount 6000
- **Interface** RS-232 and USB
- **Lifespan** 35 million touches at a single point
- **Light Transmission** > 80%
- **OS Support** Windows XP,2000,Vista,7,8/8.1,10 , XP/7/8/10 Embedded,CE,Linux
- **Power Consumption** +5 V @ 100 mA
- **Touch Resolution** Linearity

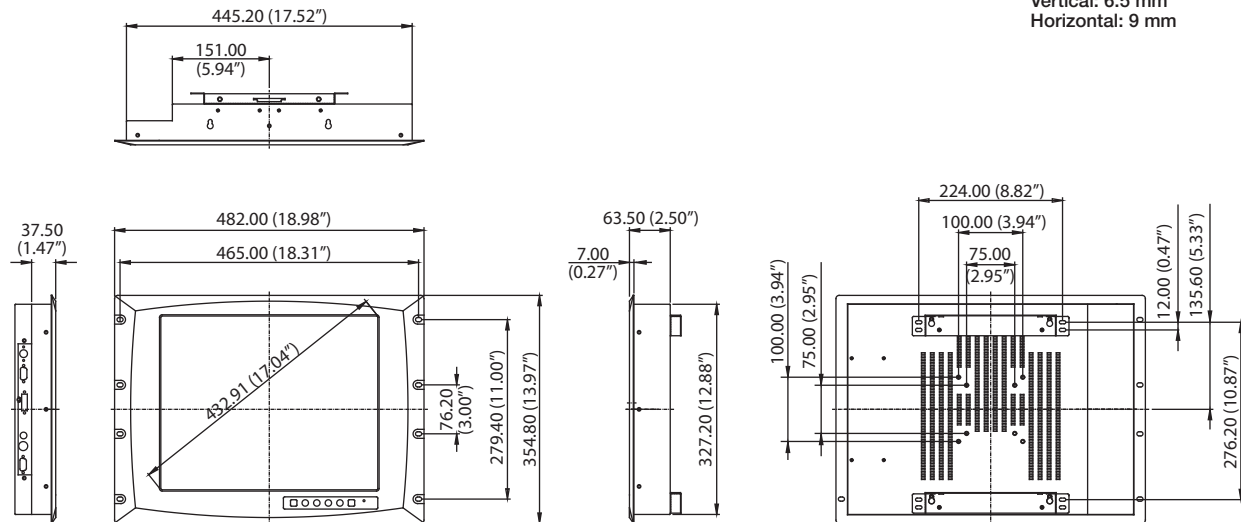
Environment

- **Operating Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Storage Temperature** -30 ~ 80 °C (-22 ~ 176 °F)
- **Humidity (Storage)** 90% @ 50 °C non-condensing
- **IP Rating** Front panel is IP65 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Dimensions

Unit: mm [inch]

Rackmount hole diameter
Vertical: 6.5 mm
Horizontal: 9 mm



Panel Cutout Dimensions: 447.2 x 329.2 mm (17.6 x 12.96 in)

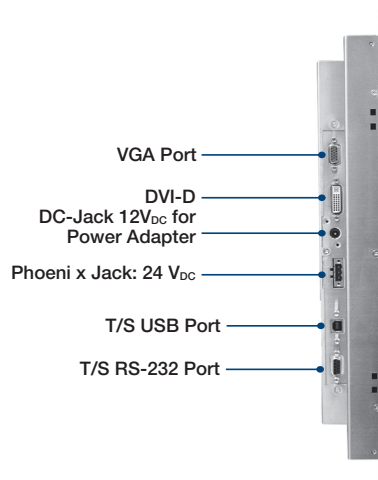
Ordering Information

- FPM-3171G-R3BE 17"SVGA WT Ind. Monitor w/Resistive TS (Combo)

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
- 1700000596-11 Power Cable China/Australia Plug 1.8 M (Direct rack mounting, no need accessory)
- 96PSA-A60W12V1-1 Adapter 100-240V 60W 12V 5A
- 96PSA-A60W24T2 Adapter 100-240V 60W 24V 2.5A
- FPM-3001G-ADKE Adapter bracket for FPM-3000 15"/17"/19"

I/O View



FPM-3191G

9U Rackmount, 19" SXGA Industrial Monitor with Resistive Touch Control, Direct VGA, and DVI Ports



Features

- 19" SXGA TFT LED LCD with 50K backlight lifetime
- Robust design with stainless steel chassis and aluminum front panel
- Anti-glare screen with tempered glass and IP65-certified front panel
- Lockable OSD control pad on rear cover
- Supports 24 V_{DC} power input
- Supports panel, wall, desktop, rack, or VESA arm mounting
- Supports 9U pre-drilled rackmount mounting holes

Introduction

FPM-3191G is a 19" color TFT LCD flat panel monitor specifically designed for industrial applications. With a display size of 19", FPM-3191G provides an adequate display area with sharp and vivid images. The monitor also supports direct VGA signal transmissions, allowing users to upgrade the displays without altering the existing infrastructure. The provision of OSD function keys makes it easy to adjust the onscreen display. Furthermore, the stainless steel chassis and IP65-rated aluminum front panel ensure suitability for industrial applications.

Specifications

General

- **OSD Controls** OSD control pad on front panel
- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)** 482 x 399.2 x 67 mm (18.98 x 15.71 x 2.64 in)
- **Enclosure**
Front panel: Aluminum with coating
Rear cover: Stainless steel chassis
- **Mount Options** Panel, wall, desktop, VESA arm, and 19" rackmount
- **Power Input** Phoenix Jack: 24 V_{DC} input
- **Power Consumption** 18 W + 20%
- **Video Port** VGA & DVI-D port
- **Weight (Net)** 10.65 kg (23.46 lbs)

LCD Display

- **Display Type** SXGA TFT LCD with LED backlight
- **Display Size** 19"
- **Max. Resolution** 1280 x 1024
- **Max. Color** 16.7M
- **Viewing Angle (H/V °)** 170/160
- **Luminance (cd/m²)** 350
- **Backlight Life** 50,000 hr
- **Contrast Ratio** 1000:1

Touchscreen

- **Driver** Penmount 6000
- **Interface** RS-232 and USB
- **Lifespan** 35 million touches at a single point
- **Light Transmission** > 80%
- **OS Support** Windows XP,2000,Vista,7,8/8.1,10 , XP/7/8/10 Embedded,CE,Linux
- **Power Consumption** +5 V @ 100 mA
- **Touch Resolution** Linearity

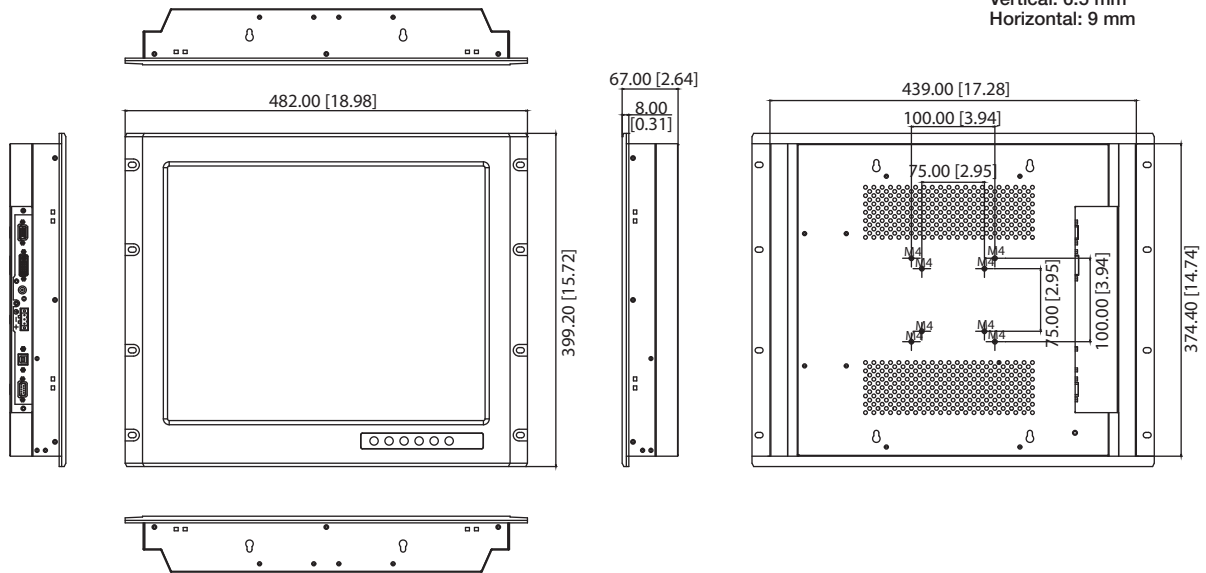
Environment

- **Operating Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Storage Temperature** -30 ~ 80 °C (-22 ~ 176 °F)
- **Humidity (Storage)** 90% @ 50 °C non-condensing
- **IP Rating** Front panel is IP65 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Dimensions

Unit: mm [inch]

Rackmount hole diameter
Vertical: 6.5 mm
Horizontal: 9 mm



Panel Cutout Dimensions: 441 x 376.4 mm (17.36 x 14.81 in)

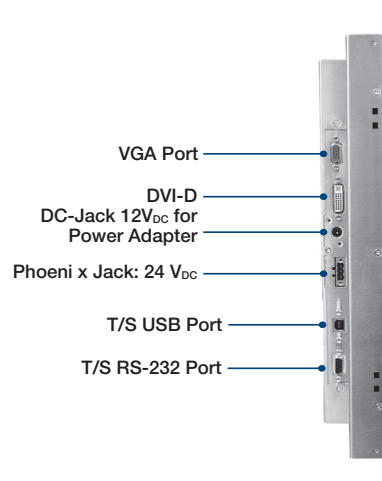
Ordering Information

- **FPM-3191G-R3BE** 19" SXGA Ind. Monitor w/ Resistive TS (Combo)

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
- **1700000596-11** Power Cable China/Australia Plug 1.8 M (Direct rack mounting, no need accessory)
- **96PSA-A60W12V1-1** Adapter 100-240V 60W 12V 5A
- **96PSA-A60W24T2** Adapter 100-240V 60W 24V 2.5A
- **FPM-3001G-ADKE** Adapter bracket for FPM-3000 15"/17"/19"

I/O View



FPM-5191G

FPM-5171G

FPM-5151G

15" XGA/17" SXGA/19" SXGA Industrial Monitors with Resistive Touch Control, Direct VGA, and DVI Ports



Features

- 15" XGA/17"/19" SXGA TFT LED LCD with 50,000 backlight lifetime
- Direct VGA and DVI-D input interfaces
- Lockable OSD keys with 2 user-defined contrast/brightness controls
- Flat, sealed, IP65-rated front panel
- Robust design with anti-rust chassis and aluminum die cast front panel
- Front-accessible USB connector
- Combo RS-232 & USB interface for touchscreen functionality (switchable)
- Supports 10 ~ 30 V_{DC} power input with Phoenix jack
- Supports panel, wall, desktop, rack or VESA arm mounting

Introduction

The FPM-5000G series comprises 15", 17", and 19" flat-panel color monitors with LED backlights that provide an ample display area and sharp, vivid images. Specifically designed for industrial applications, these monitors support Direct VGA and DVI-D signal transmissions, which allow VGA control cards to be integrated in the system. The onscreen display output can be adjusted using two user-defined function keys. The front-accessible USB connector provides easy access to the controller, while the wide-range (10 ~ 30 V_{DC}) power support makes these monitors ideal for factory and machine automation display applications.

Specifications

General

- **OSD Controls** Lockable OSD control buttons on rear panel
- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)**
 - 5151G: 449.92 x 315.63 x 50.5 mm (17.71 x 12.43 x 1.99 in)
 - 5171G: 481.93 x 355.87 x 55 mm (18.97 x 14.01 x 2.17 in)
 - 5191G: 481.93 x 384.6 x 59 mm (18.97 x 15.14 x 2.32 in)
- **Enclosure** Front panel: Aluminum and flat-sealed
Rear cover: Anti-rust coating
- **Mount Options** Panel, wall, desktop, VESA arm, or 19" rackmount
- **Power Input** Phoenix Jack: 10 ~ 30 V_{DC} input
Optional external 57 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 4.7A output
- **Power Consumption** 18 W + 20%/31 W + 20%/32 W + 20%
- **USB** Front-facing USB for easy access
- **Video Port** VGA & DVI-D
- **Weight (Net)** 6 kg (13.22 lb)/7 kg (17.63 lb)/9 kg (22.04 lb)

LCD Display

- **Display Type** XGA/SXGA/SXGA TFT LCDs
- **Display Size** 15"/17"/19"
- **Max. Resolution** 1024 x 768/1280 x 1024/1280 x 1024
- **Max. Color** 16.2M/16.7M/16.7M
- **Viewing Angle (H/V °)** 160/140, 160/140, 170/160
- **Luminance (cd/m²)** 400/350/350
- **Backlight Life** 50,000 hr
- **Contrast Ratio** 700:1/800:1/1000:1

Touchscreen

- **Sensor** AMT
- **Driver** Penmount 6000
- **Type** 5-wire resistive
- **Interface** RS-232 & USB
- **Lifespan** 10/10/36 million with R8 silicone rubber finger, 2 x 250g presses per second
- **Light Transmission** > 80%
- **OS Support** Windows XP, Vista, 7, 8, 10, XPe and Linux
- **Power Consumption** +5 V @ 100 mA
- **Touch Resolution** Linearity

Environment

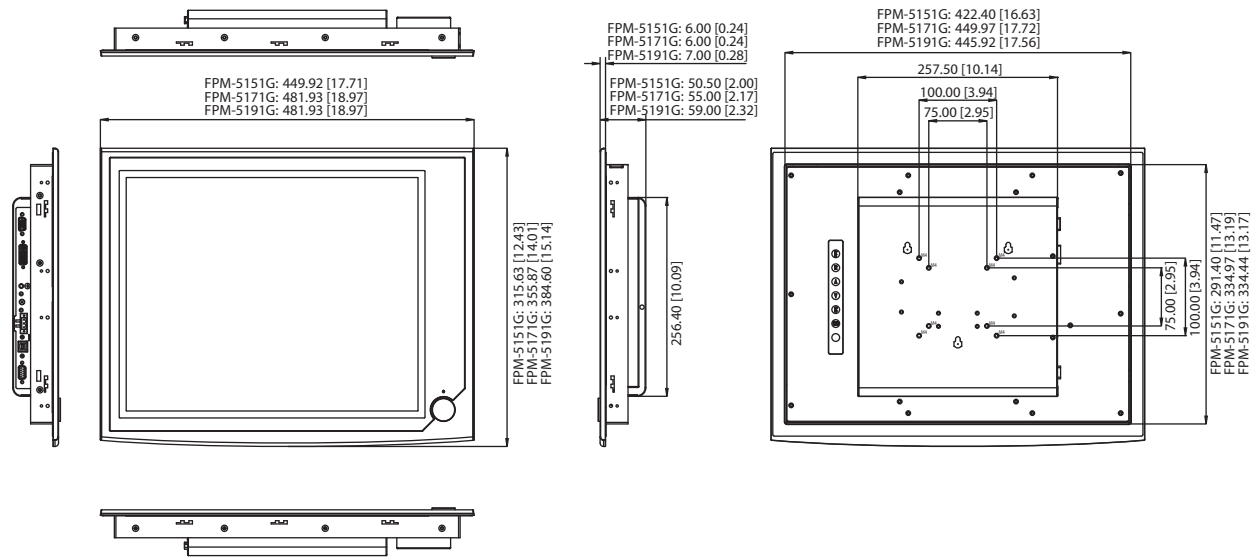
- **Operating Temperature** 0 ~ 50 °C (32 ~ 122 °F)
- **Storage Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Humidity (Storage)** 10 ~ 90% non-condensing
- **IP Rating** Front panel is compliant with IP65
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-5191G-R3BE** 19" SXGA Ind. Monitor w/Resistive TS(RS-232,USB)
- **FPM-5171G-R3BE** 17" SXGA Ind. Monitor w/Resistive TS(RS-232,USB)
- **FPM-5151G-R3BE** 15" XGA Ind. Monitor w/Resistive TS(RS-232,USB)

Dimensions

Unit: mm [inch]



Panel Cutout Dimensions:

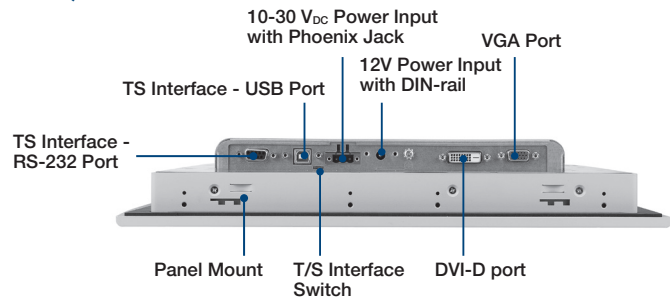
- FPM-5151G:** 424 x 293 mm (16.69 x 11.54 in)
- FPM-5171G:** 454 x 338 mm (17.87 x 13.31 in)
- FPM-5191G:** 454 x 338 mm (17.87 x 13.31 in)

Optional Accessories

- **FPM-1000T-SMKE** Desktop/Wall Mounting kit for FPM series
- **98R3615210E** IPCC-6152A/FPM-5151G Rack Mount Kit
- **98R3617200E** IPCC-6172A/FPM-5171G Rack Mount Kit
- **98R3619200E** IPCC-6192A/FPM-5191G Rack Mount Kit
- **1702002600** Power Cable US Plug 1.8 M
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1700000596-11** Power Cable China/Australia Plug 1.8 M
- **96PSA-A60W12V1-1** ADP A/D 100-240V 60W 12V C14 DC PLUG 180 °
- **FPM-5000G-ADKE** Mounting bracket of adapter for FPM-5000

Note: VESA mounting screw length: M4 x 6 mm

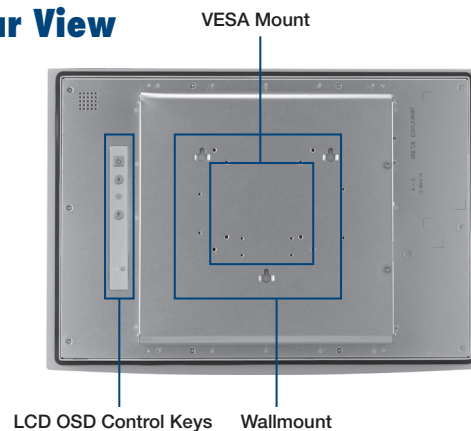
I/O View



Front-Facing USB Port



Rear View



FPM-5191G

FPM-5171G

FPM-5151G

15" XGA/17" SXGA/19" SXGA Industrial Monitors with Resistive Touch Control, Direct VGA, and DVI Ports



Features

- 15" XGA/17"/19" SXGA TFT LED LCD with 50,000 backlight lifetime
- Direct VGA and DVI-D input interfaces
- Lockable OSD keys with 2 user-defined contrast/brightness controls
- Flat, sealed, IP65-rated front panel
- Robust design with anti-rust chassis and aluminum die cast front panel
- Front-accessible USB connector
- Combo RS-232 & USB interface for touchscreen functionality (switchable)
- Supports 10 ~ 30 V_{DC} power input with Phoenix jack
- Supports panel, wall, desktop, rack or VESA arm mounting

Introduction

The FPM-5000G series comprises 15", 17", and 19" flat-panel color monitors with LED backlights that provide an ample display area and sharp, vivid images. Specifically designed for industrial applications, these monitors support Direct VGA and DVI-D signal transmissions, which allow VGA control cards to be integrated in the system. The onscreen display output can be adjusted using two user-defined function keys. The front-accessible USB connector provides easy access to the controller, while the wide-range (10 ~ 30 V_{DC}) power support makes these monitors ideal for factory and machine automation display applications.

Specifications

General

- **OSD Controls** Lockable OSD control buttons on rear panel
- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)**
 - 5151G: 449.92 x 315.63 x 50.5 mm (17.71 x 12.43 x 1.99 in)
 - 5171G: 481.93 x 355.87 x 55 mm (18.97 x 14.01 x 2.17 in)
 - 5191G: 481.93 x 384.6 x 59 mm (18.97 x 15.14 x 2.32 in)
- **Enclosure** Front panel: Aluminum and flat-sealed
Rear cover: Anti-rust coating
- **Mount Options** Panel, wall, desktop, VESA arm, or 19" rackmount
- **Power Input** Phoenix Jack: 10 ~ 30 V_{DC} input
Optional external 57 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 4.7A output
- **Power Consumption** 18 W + 20%/31 W + 20%/32 W + 20%
- **USB** Front-facing USB for easy access
- **Video Port** VGA & DVI-D
- **Weight (Net)** 6 kg (13.22 lb)/7 kg (17.63 lb)/9 kg (22.04 lb)

LCD Display

- **Display Type** XGA/SXGA/SXGA TFT LCDs
- **Display Size** 15"/17"/19"
- **Max. Resolution** 1024 x 768/1280 x 1024/1280 x 1024
- **Max. Color** 16.2M/16.7M/16.7M
- **Viewing Angle (H/V °)** 160/140, 160/140, 170/160
- **Luminance (cd/m²)** 400/350/350
- **Backlight Life** 50,000 hr
- **Contrast Ratio** 700:1/800:1/1000:1

Touchscreen

- **Sensor** AMT
- **Driver** Penmount 6000
- **Type** 5-wire resistive
- **Interface** RS-232 & USB
- **Lifespan** 10/10/36 million with R8 silicone rubber finger, 2 x 250g presses per second
- **Light Transmission** > 80%
- **OS Support** Windows XP, Vista, 7, 8, 10, XPe and Linux
- **Power Consumption** +5 V @ 100 mA
- **Touch Resolution** Linearity

Environment

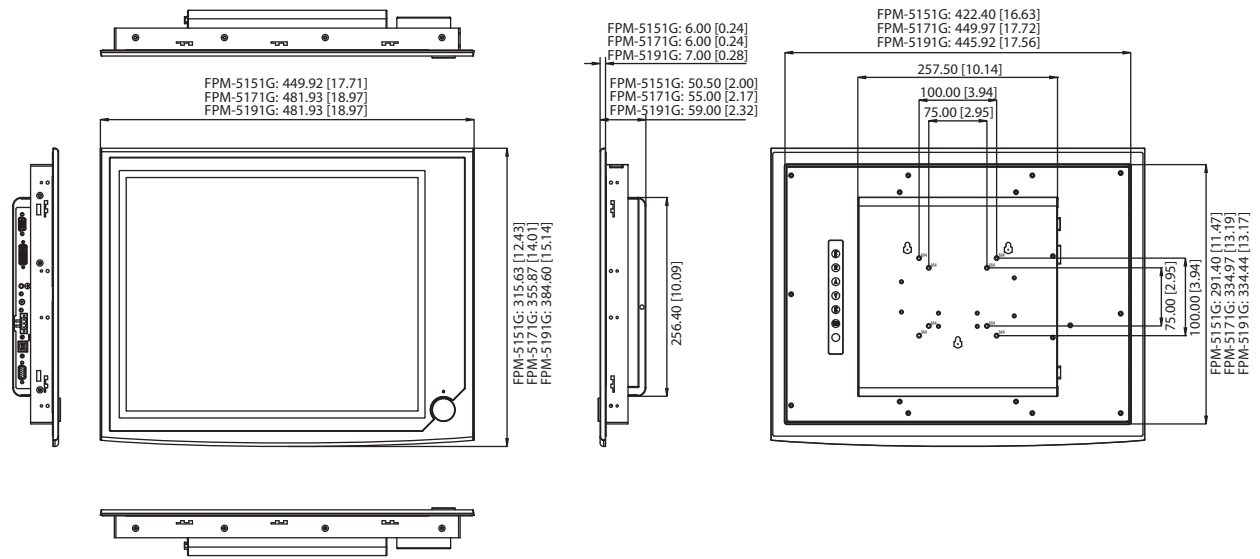
- **Operating Temperature** 0 ~ 50 °C (32 ~ 122 °F)
- **Storage Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Humidity (Storage)** 10 ~ 90% non-condensing
- **IP Rating** Front panel is compliant with IP65
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-5191G-R3BE** 19" SXGA Ind. Monitor w/Resistive TS(RS-232,USB)
- **FPM-5171G-R3BE** 17" SXGA Ind. Monitor w/Resistive TS(RS-232,USB)
- **FPM-5151G-R3BE** 15" XGA Ind. Monitor w/Resistive TS(RS-232,USB)

Dimensions

Unit: mm [inch]



Panel Cutout Dimensions:

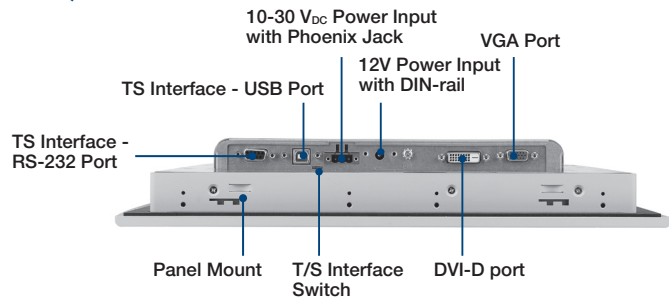
- FPM-5151G:** 424 x 293 mm (16.69 x 11.54 in)
- FPM-5171G:** 454 x 338 mm (17.87 x 13.31 in)
- FPM-5191G:** 454 x 338 mm (17.87 x 13.31 in)

Optional Accessories

- **FPM-1000T-SMKE** Desktop/Wall Mounting kit for FPM series
- **98R3615210E** IPCC-6152A/FPM-5151G Rack Mount Kit
- **98R3617200E** IPCC-6172A/FPM-5171G Rack Mount Kit
- **98R3619200E** IPCC-6192A/FPM-5191G Rack Mount Kit
- **1702002600** Power Cable US Plug 1.8 M
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1700000596-11** Power Cable China/Australia Plug 1.8 M
- **96PSA-A60W12V1-1** ADP A/D 100-240V 60W 12V C14 DC PLUG 180 °
- **FPM-5000G-ADKE** Mounting bracket of adapter for FPM-5000

Note: VESA mounting screw length: M4 x 6 mm

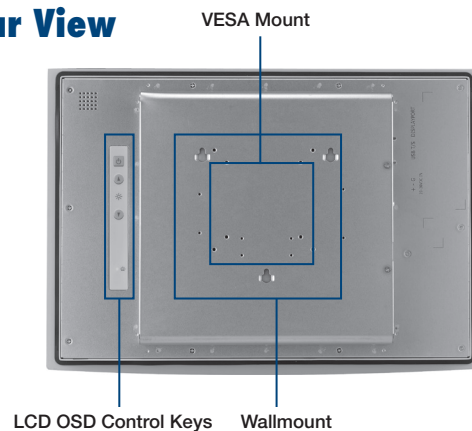
I/O View



Front-Facing USB Port



Rear View



FPM-5191G

FPM-5171G

FPM-5151G

15" XGA/17" SXGA/19" SXGA Industrial Monitors with Resistive Touch Control, Direct VGA, and DVI Ports



Features

- 15" XGA/17"/19" SXGA TFT LED LCD with 50,000 backlight lifetime
- Direct VGA and DVI-D input interfaces
- Lockable OSD keys with 2 user-defined contrast/brightness controls
- Flat, sealed, IP65-rated front panel
- Robust design with anti-rust chassis and aluminum die cast front panel
- Front-accessible USB connector
- Combo RS-232 & USB interface for touchscreen functionality (switchable)
- Supports 10 ~ 30 V_{DC} power input with Phoenix jack
- Supports panel, wall, desktop, rack or VESA arm mounting

Introduction

The FPM-5000G series comprises 15", 17", and 19" flat-panel color monitors with LED backlights that provide an ample display area and sharp, vivid images. Specifically designed for industrial applications, these monitors support Direct VGA and DVI-D signal transmissions, which allow VGA control cards to be integrated in the system. The onscreen display output can be adjusted using two user-defined function keys. The front-accessible USB connector provides easy access to the controller, while the wide-range (10 ~ 30 V_{DC}) power support makes these monitors ideal for factory and machine automation display applications.

Specifications

General

- **OSD Controls** Lockable OSD control buttons on rear panel
- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)**
 - 5151G: 449.92 x 315.63 x 50.5 mm (17.71 x 12.43 x 1.99 in)
 - 5171G: 481.93 x 355.87 x 55 mm (18.97 x 14.01 x 2.17 in)
 - 5191G: 481.93 x 384.6 x 59 mm (18.97 x 15.14 x 2.32 in)
- **Enclosure** Front panel: Aluminum and flat-sealed
Rear cover: Anti-rust coating
- **Mount Options** Panel, wall, desktop, VESA arm, or 19" rackmount
- **Power Input** Phoenix Jack: 10 ~ 30 V_{DC} input
Optional external 57 W power adapter, with AC 100 V ~ 240 V input and DC +12 V @ 4.7A output
- **Power Consumption** 18 W + 20%/31 W + 20%/32 W + 20%
- **USB** Front-facing USB for easy access
- **Video Port** VGA & DVI-D
- **Weight (Net)** 6 kg (13.22 lb)/7 kg (17.63 lb)/9 kg (22.04 lb)

LCD Display

- **Display Type** XGA/SXGA/SXGA TFT LCDs
- **Display Size** 15"/17"/19"
- **Max. Resolution** 1024 x 768/1280 x 1024/1280 x 1024
- **Max. Color** 16.2M/16.7M/16.7M
- **Viewing Angle (H/V °)** 160/140, 160/140, 170/160
- **Luminance (cd/m²)** 400/350/350
- **Backlight Life** 50,000 hr
- **Contrast Ratio** 700:1/800:1/1000:1

Touchscreen

- **Sensor** AMT
- **Driver** Penmount 6000
- **Type** 5-wire resistive
- **Interface** RS-232 & USB
- **Lifespan** 10/10/36 million with R8 silicone rubber finger, 2 x 250g presses per second
- **Light Transmission** > 80%
- **OS Support** Windows XP, Vista, 7, 8, 10, XPe and Linux
- **Power Consumption** +5 V @ 100 mA
- **Touch Resolution** Linearity

Environment

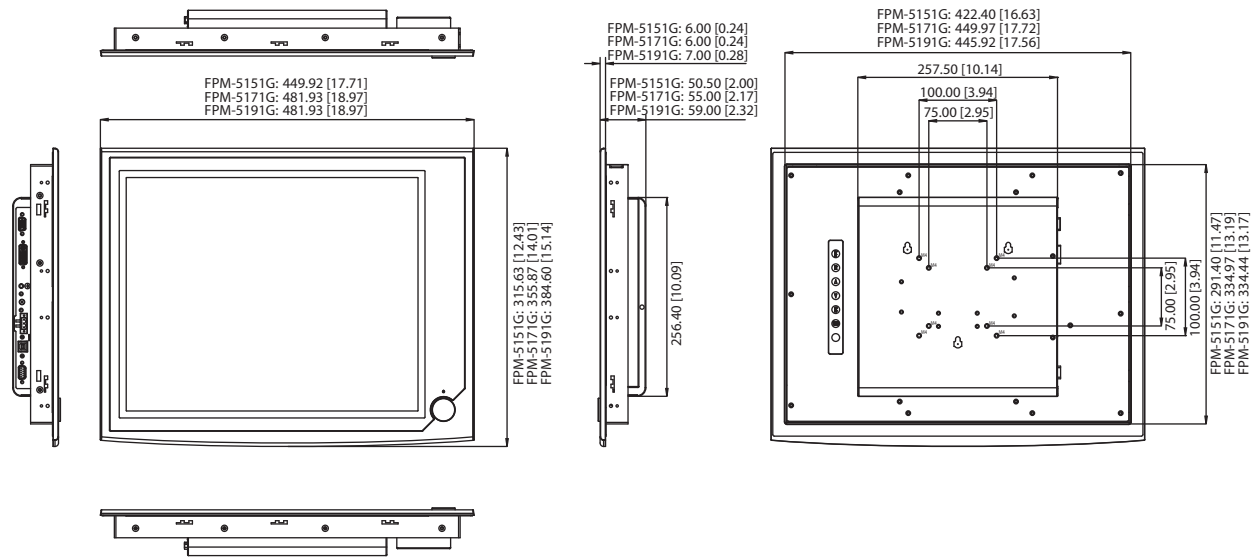
- **Operating Temperature** 0 ~ 50 °C (32 ~ 122 °F)
- **Storage Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Humidity (Storage)** 10 ~ 90% non-condensing
- **IP Rating** Front panel is compliant with IP65
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

- **FPM-5191G-R3BE** 19" SXGA Ind. Monitor w/Resistive TS(RS-232,USB)
- **FPM-5171G-R3BE** 17" SXGA Ind. Monitor w/Resistive TS(RS-232,USB)
- **FPM-5151G-R3BE** 15" XGA Ind. Monitor w/Resistive TS(RS-232,USB)

Dimensions

Unit: mm [inch]



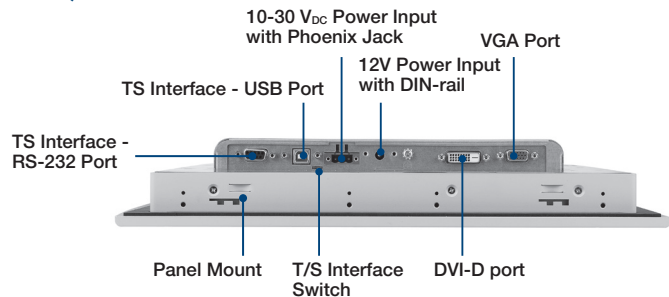
Panel Cutout Dimensions: FPM-5151G: 424 x 293 mm (16.69 x 11.54 in)
 FPM-5171G: 454 x 338 mm (17.87 x 13.31 in)
 FPM-5191G: 454 x 338 mm (17.87 x 13.31 in)

Optional Accessories

- **FPM-1000T-SMKE** Desktop/Wall Mounting kit for FPM series
- **98R3615210E** IPCC-6152A/FPM-5151G Rack Mount Kit
- **98R3617200E** IPCC-6172A/FPM-5171G Rack Mount Kit
- **98R3619200E** IPCC-6192A/FPM-5191G Rack Mount Kit
- **1702002600** Power Cable US Plug 1.8 M
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1700000596-11** Power Cable China/Australia Plug 1.8 M
- **96PSA-A60W12V1-1** ADP A/D 100-240V 60W 12V C14 DC PLUG 180 °
- **FPM-5000G-ADKE** Mounting bracket of adapter for FPM-5000

Note: VESA mounting screw length: M4 x 6 mm

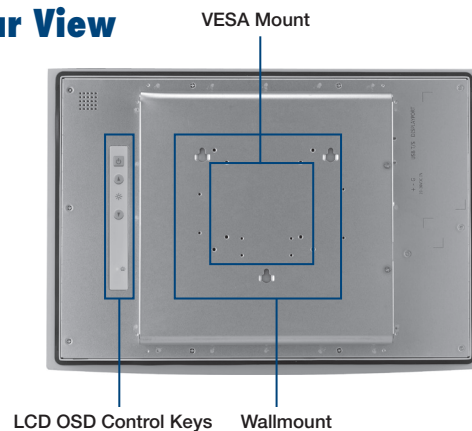
I/O View



Front-Facing USB Port



Rear View



FPM-7061T

6.5" VGA Industrial Monitor with Resistive Touch Control, Direct VGA/DP, and Wide Operating Temperature



Features

- 6.5" VGA TFT LED LCD with 50K backlight lifetime
- Robust system with IP66-rated aluminum front panel
- Wide operating temperature range (-20 ~ 60 °C/-4 ~ 140 °F)
- Anti-glare touchscreen with tempered glass
- Supports various mount options: panel, wall, desktop, and VESA arm
- USB interface for touchscreen functionality
- OSD control buttons on rear panel
- Lockable I/O connectors

Introduction

FPM-7000T series monitors are the first, true-flat, 4:3, industrial-grade monitors. The 5-wire resistive touchscreen is enclosed in a highly durable, die cast aluminum alloy front bezel that provides IP66-rated protection from water and dust ingress. Additionally, the FPM-7000T series monitors support a wide operating temperature range (-20 ~ 60 °C/-4 ~ 140 °F) and various mount options to ensure easy installation and support for diverse environments.

Specifications

General

- **OSD Controls** OSD control buttons on rear panel
- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)** 199x151x46.1mm
- **Enclosure** Front panel: Die cast magnesium alloy
Rear cover: SECC
- **Mount Options** Stand, Wall, Panel mount or VESA 75 x 75 mm
- **Power Input** Phoenix Jack: 24 V_{DC} input
- **Power Consumption** 10 W + 20%
- **Video Port** VGA & DP
- **Weight (Net)** 1.2 kg (2.64 lb)

LCD Display

- **Display Type** VGA TFT LED LCD
- **Display Size** 6.5"
- **Max. Resolution** 640 x 480
- **Max. Color** 16.2M
- **Viewing Angle (H/V °)** 160/140
- **Luminance (cd/m²)** 800
- **Backlight Life** 50,000 hr
- **Contrast Ratio** 600 :1

Touchscreen

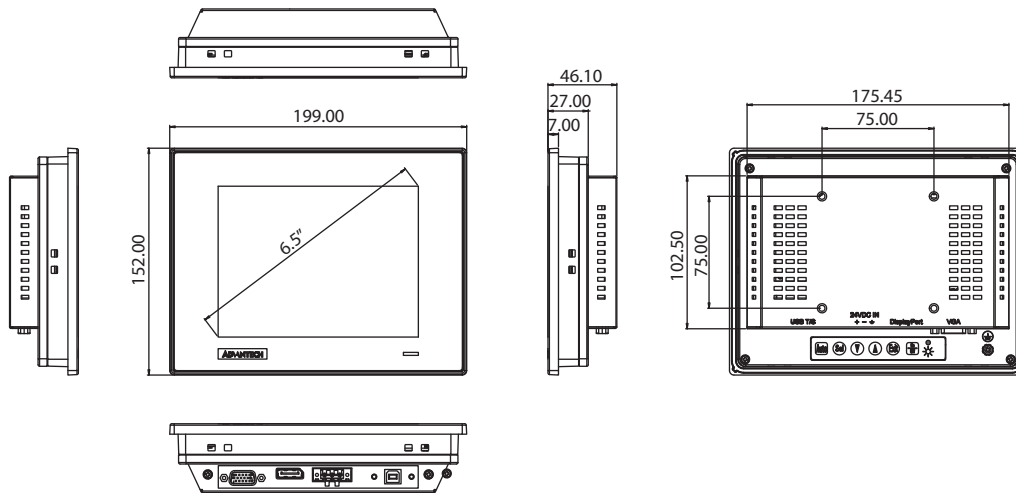
- **Type** 5-wire analog resistive
- **Interface** USB
- **Light Transmission** Above 75%
- **OS Support** Windows XP, Vista, 7, 8, 10, XPe and Linux

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 is IP66 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Dimensions

Unit: mm



Panel Cutout Dimensions: 189.1 x 142.1 mm (7.44 x 5.59 in)

Ordering Information

- FPM-7061T-R3AE 6.5" VGA Ind Monitor w/Resistive TS (VGA/DP)

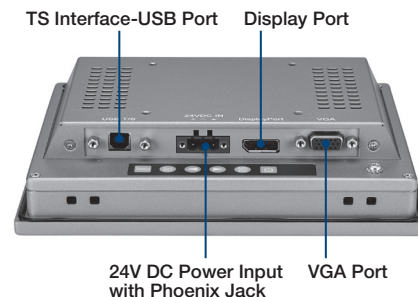
Optional Accessories

- 1702002600 Power Cable US Plug 1.8 M
- 1702002605 Power Cable EU Plug 1.8 M
- 1702031801 Power Cable UK Plug 1.8 M
- 1700000596-11 Power Cable China/Australia Plug 1.8 M
- 96PSA-A60W24T2 Adapter 100-240V 60W 24V 2.5A
- FPM-1000T-SMKE Desktop/Wall Mounting kit for FPM series

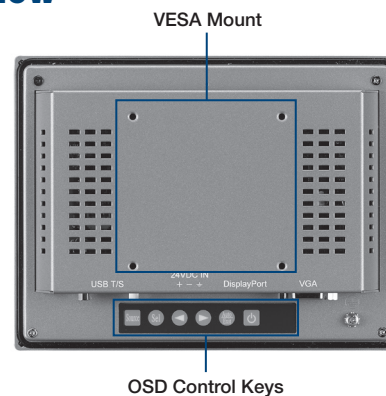
Front View



I/O View



Rear View



FPM-7121T

12.1" XGA Industrial Monitor with Resistive Touch Control, Direct VGA/DP, and Wide Operating Temperature Range



Features

- 12.1" XGA TFT LED LCD with 50K backlight lifetime
- Robust system with IP66-rated aluminum front panel
- Wide operating temperature range (-20 ~ 60 °C/-4 ~ 140 °F)
- Anti-glare touchscreen with tempered glass
- Supports various mount options: panel, wall, desktop, and VESA arm
- Combo RS-232+USB interface for touchscreen functionality
- OSD control buttons on rear panel
- Lockable I/O connectors

Introduction

FPM-7000T series monitors are the first, true-flat, 4:3, industrial-grade monitors. The 5-wire resistive touchscreen is enclosed in a highly durable, die cast aluminum alloy front bezel that provides IP66-rated protection from water and dust ingress. Additionally, the FPM-7000T series monitors support a wide operating temperature range (-20 ~ 60 °C/-4 ~ 140 °F) and various mount options to ensure easy installation and support for diverse environments.

Specifications

General

- **OSD Controls** OSD control buttons on rear panel
- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)** 311.8 x 238 x 44.5 mm (12.28 x 9.37 x 1.76 in)
- **Enclosure** Front panel: Die cast magnesium alloy
Rear cover: SECC
- **Mount Options** Stand, Wall, Panel and VESA 75x75 & 100x100mm
- **Power Input** Phoenix Jack: 24 V_{DC} input
- **Power Consumption** 15 W + 20%
- **Video Port** VGA & DP
- **Weight (Net)** 2.6 kg (5.73 lb)

LCD Display

- **Display Type** XGA TFT LED LCD
- **Display Size** 12.1"
- **Max. Resolution** 1024 x 768
- **Max. Color** 16.2M
- **Viewing Angle (H/V °)** 160/140
- **Luminance (cd/m²)** 600
- **Backlight Life** 50,000 hr
- **Contrast Ratio** 700 :1

Touchscreen

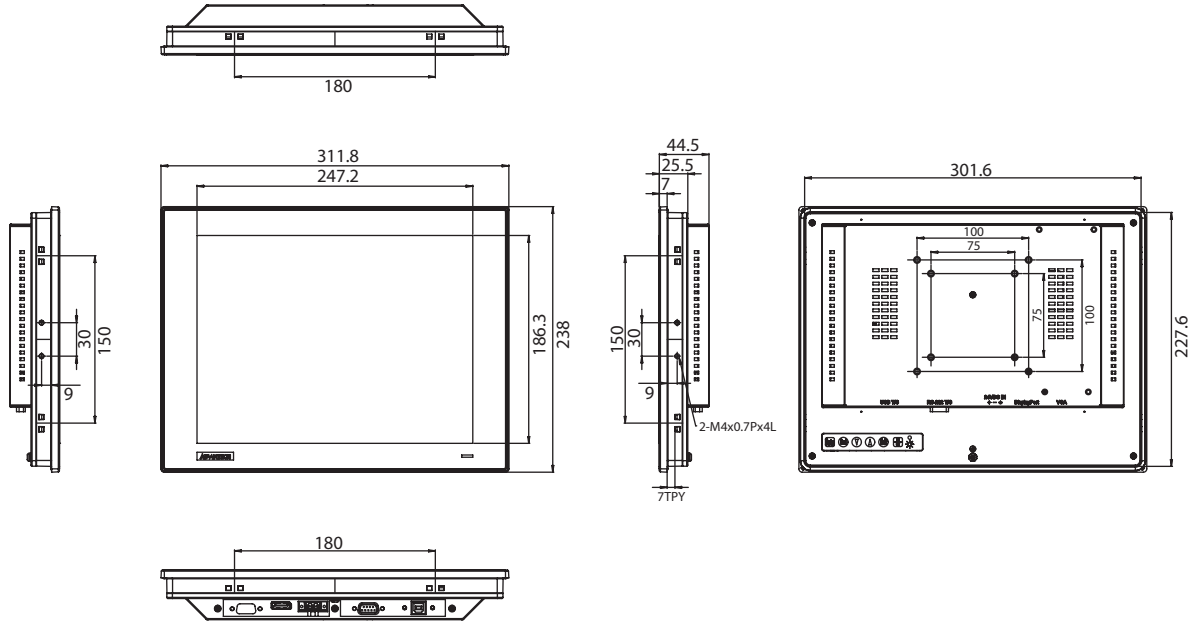
- **Type** 5-wire, analog resistive
- **Interface** RS-232 and USB
- **Light Transmission** Above 75%
- **OS Support** Windows XP, Vista, 7, 8, 10, XPe and Linux

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 is IP66 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Dimensions

Unit: mm



Panel Cutout Dimensions: 303 x 229 mm (11.93 x 9.02 in)

Ordering Information

- FPM-7121T-R3AE 12.1" XGA Ind Monitor w/Resistive TS (VGA/DP)

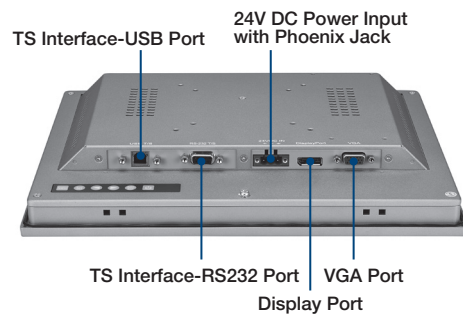
Optional Accessories

- 1702002600 Power Cable US Plug 1.8 M
- 1702002605 Power Cable EU Plug 1.8 M
- 1702031801 Power Cable UK Plug 1.8 M
- 1700000596-11 Power Cable China/Australia Plug 1.8 M
- 96PSA-A60W24T2 Adapter 100-240V 60W 24V 2.5A
- FPM-7000G-ADKE Mounting bracket of adapter for FPM-7000
- FPM-1000T-SMKE Stand/Wall Mount Kit

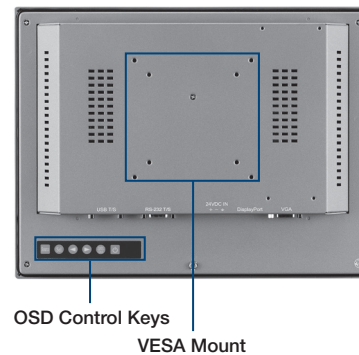
Front View



I/O View



Rear View



FPM-7151T

15" XGA Industrial Monitor with Resistive Touch Control, Direct VGA/DP, and Wide Operating Temperature Range



Features

- 15" XGA TFT LED LCD with 50K backlight lifetime
- Robust system with IP66-rated aluminum front panel
- Wide operating temperature range (-20 ~ 60 °C/-4 ~ 140 °F)
- Anti-glare touchscreen with tempered glass
- Supports various mount options: panel, wall, desktop, and VESA arm
- Combo RS-232+USB interface for touchscreen functionality
- OSD control buttons on rear panel
- Lockable I/O connectors

Introduction

FPM-7000T series monitors are the first, true-flat, 4:3, industrial-grade monitors. The 5-wire resistive touchscreen is enclosed in a highly durable, die cast aluminum alloy front bezel that provides IP66-rated protection from water and dust ingress. Additionally, the FPM-7000T series monitors support a wide operating temperature range (-20 ~ 60 °C/-4 ~ 140 °F) and various mount options to ensure easy installation and support for diverse environments.

Specifications

General

- **OSD Controls** OSD control buttons on rear panel
- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)** 383.2 x 307.3 x 48.2 mm (15.09 x 12.10 x 1.90 in)
- **Enclosure** Front panel: Die cast magnesium alloy
Rear cover: SECC
- **Mount Options** Stand, Wall, Panel and VESA 75 x 75 & 100 x 100mm
- **Power Input** Phoenix Jack: 24 V_{DC} input
- **Power Consumption** 15 W + 20%
- **Video Port** VGA & DP
- **Weight (Net)** 4.2 kg (9.26 lb)

LCD Display

- **Display Type** XGA TFT LED LCD
- **Display Size** 15"
- **Max. Resolution** 1024 x 768
- **Max. Color** 16.7M
- **Viewing Angle (H/V °)** 160/140
- **Luminance (cd/m²)** 400
- **Backlight Life** 50,000 hr
- **Contrast Ratio** 700 :1

Touchscreen

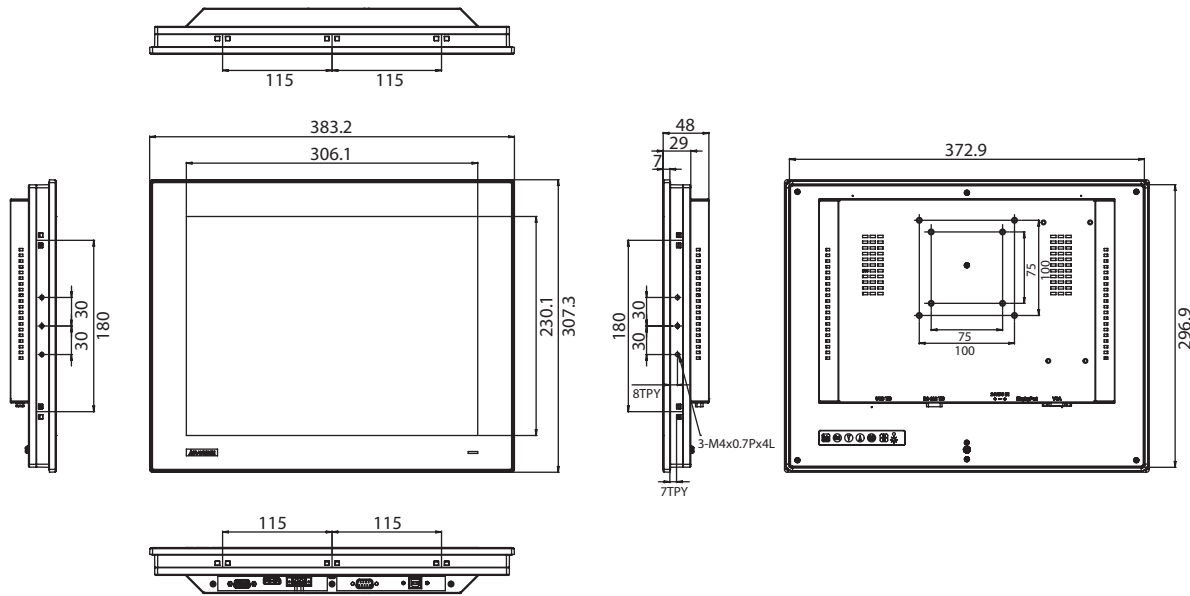
- **Type** 5-wire analog resistive
- **Interface** RS-232 and USB
- **Light Transmission** Above 75%
- **OS Support** Windows XP, Vista, 7, 8, 10, XPe and Linux

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 is IP66 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Dimensions

Unit: mm



Panel Cutout Dimensions: 374.5 x 298.5 mm (14.74 x 11.75 in)

Ordering Information

- FPM-7151T-R3AE 15" XGA Ind Monitor w/Resistive TS (VGA/DP)

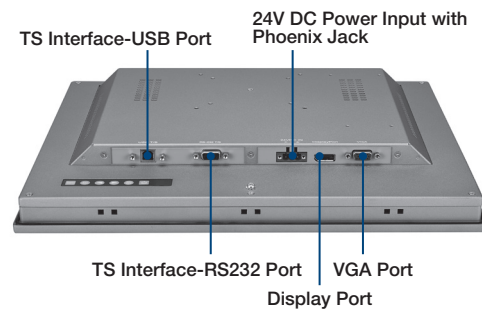
Optional Accessories

- 1702002600 Power Cable US Plug 1.8 M
- 1702002605 Power Cable EU Plug 1.8 M
- 1702031801 Power Cable UK Plug 1.8 M
- 1700000596-11 Power Cable China/Australia Plug 1.8 M
- 96PSA-A60W24T2 Adapter 100-240V 60W 24V 2.5A
- FPM-7000G-ADKE Mounting bracket of adapter for FPM-7000
- FPM-1000T-SMKE Stand/Wall Mount Kit

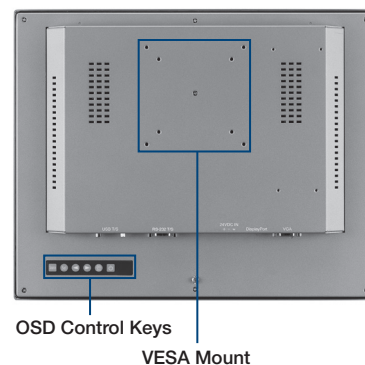
Front View



I/O View



Rear View



FPM-7151W

15.6" WXGA Industrial Monitor with PCAP Touch Control, Direct VGA, and DVI Ports



Features

- 15.6" WXGA TFT LED LCD with true-flat touchscreen
- 16:9 widescreen aspect ratio, increases viewing area by 40%
- Supports 10-point multi-touch control via USB interface in Windows 7/8/10 OS
- Slim design enables easy installation
- Supports various mount options: panel, wall, desktop, and VESA arm
- Touchscreen with reliable glass surface and PCAP touch control
- Robust system with SECC chassis and IP66-rated magnesium alloy front panel
- OSD control buttons on rear panel
- Lockable I/O connectors

Introduction

The FPM-7151W is an industrial-grade, widescreen monitor with sleek, simple lines and a true-flat touchscreen. Equipped with PCAP 10-point multi-touch control and an IP66-rated front bezel, FPM-7151W is designed for intuitive operation in harsh industrial environments. Moreover, FPM-7151W supports a range of mount options to ensure easy, single-person installation.

Specifications

General

- **OSD Controls** OSD control buttons on rear panel
- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)** 419.7 x 269 x 47.7 mm (16.52 x 10.59 x 1.88 in)
- **Enclosure** Front panel: Die cast magnesium alloy
Rear cover: SECC
- **Mount Options** Panel, wall, desktop, VESA (MIS,100,C)
- **Power Input** Phoenix Jack: 24 V_{DC} input
- **Power Consumption** 20 W + 20%
- **Video Port** VGA & DVI-D
- **Weight (Net)** 5 kg (11 lb)

LCD Display

- **Display Type** WXGA TFT LED LCD
- **Display Size** 15.6"
- **Max. Resolution** 1366 x 768
- **Max. Color** 16.7M
- **Viewing Angle (H/V °)** 170/160
- **Luminance (cd/m²)** 300
- **Backlight Life** 50,000 hr
- **Contrast Ratio** 500:1

Touchscreen

- **Type** Projected capacitive touch
- **Interface** RS-232 and USB
- **Light Transmission** Above 75%
- **OS Support** Windows XP, Vista, 7, 8, 10, XPe and Linux
- **Multi Touch** 10 points, USB interface in Win 7/8/10, Linux 7H
- **Hardness** 7H

Environment

- **Operating Temperature** 0 ~ 55 °C (32 ~ 131 °F)
- **Storage Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Humidity (Storage)** 10 ~ 90% non-condensing
- **IP Rating** Front panel is IP66 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

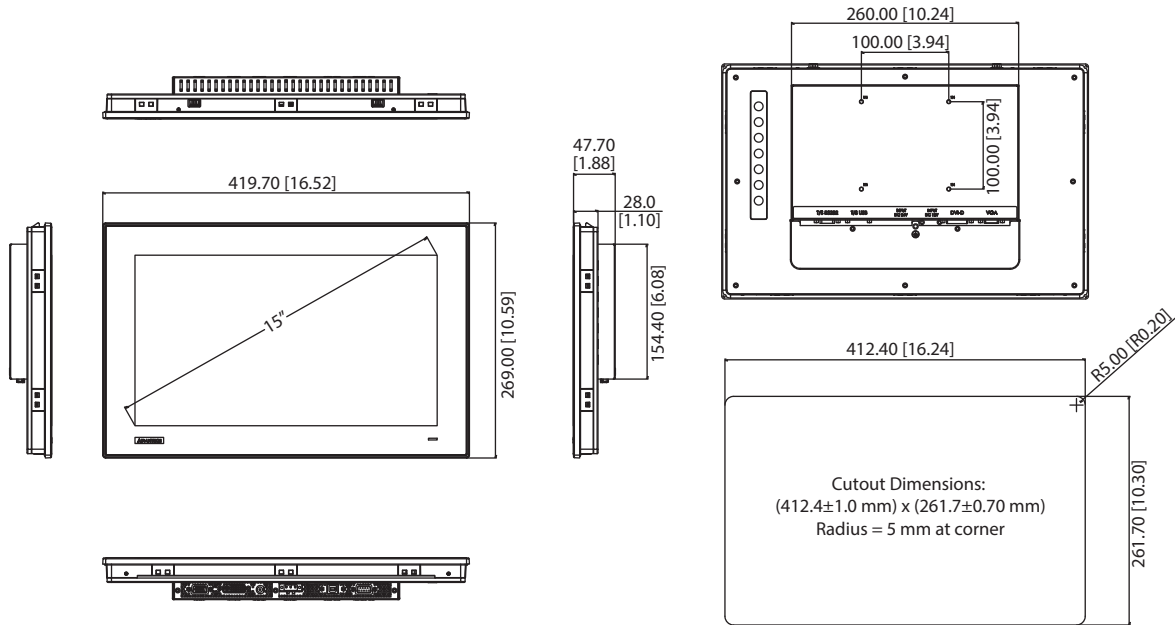
- **FPM-7151W-P3AE** 15.6" WXGA Ind Monitor w/PCT TS (VGA/DVI)

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
- **1700000596-11** 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

Dimensions

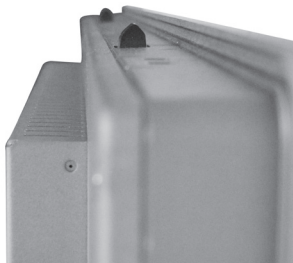
Unit: mm [inch]



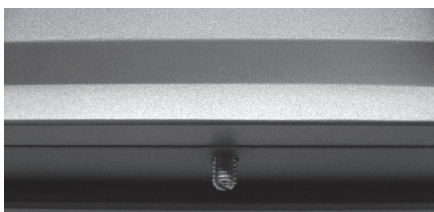
Panel Cutout Dimensions: 412.40 x 261.70 mm (16.24 x 10.30 in)

Easy Installation

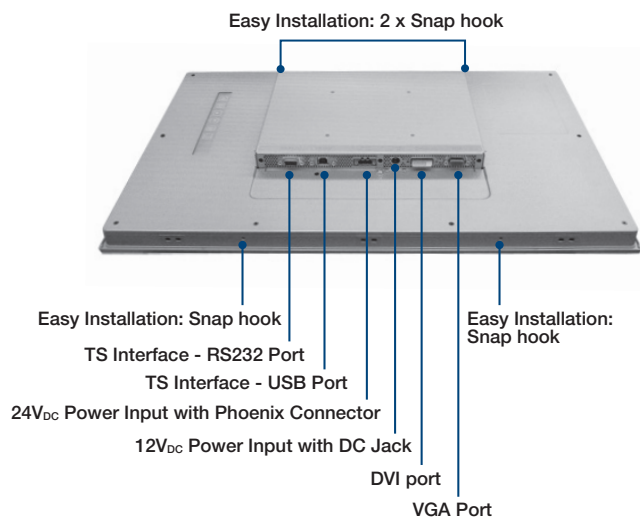
Snap hook in rear cover



Stopper screw in rear cover



Rear View



FPM-7181W

18.5" WXGA Industrial Monitor with PCAP Touch Control, Direct VGA, and DVI Ports



Features

- 18.5" WXGA TFT LED LCD
- 16:9 widescreen aspect ratio, increases viewing area by 40%
- Supports 10-point multi-touch control via USB interface in Windows 7/8 OS
- Slim design enables easy installation
- Supports various mount options: panel, wall, desktop, and VESA arm
- Touchscreen with reliable glass surface and PCAP touch control
- Robust system with SECC chassis and IP66-rated magnesium alloy front panel
- OSD control buttons on rear panel
- Lockable I/O connectors

Introduction

The FPM-7181W is an industrial-grade, widescreen monitor with sleek, simple lines and a true-flat touchscreen. Equipped with PCAP 10-point multi-touch control and an IP66-rated front bezel, FPM-7181W is designed for intuitive operation in harsh industrial environments. Moreover, FPM-7181W supports a range of mount options to ensure easy, single-person installation.

Specifications

General

- **OSD Controls** OSD control buttons on rear panel
- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)** 488 x 309 x 47.7 mm (19.21 x 12.17 x 1.88 in)
- **Enclosure** Front panel: Die cast magnesium alloy
Rear cover: SECC
- **Mount Options** Panel, wall, desktop, VESA (MIS,100,C)
- **Power Input** Phoenix Jack: 24 V_{DC} input
- **Power Consumption** 20 W + 20%
- **Video Port** VGA & DVI-D port
- **Weight (Net)** 6 kg (13.2 lb)

LCD Display

- **Display Type** WXGA TFT LED LCD
- **Display Size** 18.5"
- **Max. Resolution** 1366 x 768
- **Max. Color** 16.7M
- **Viewing Angle (H/V °)** 170/160
- **Luminance (cd/m²)** 300
- **Backlight Life** 50,000 hr
- **Contrast Ratio** 1000:1

Touchscreen

- **Type** Projected capacitive touch
- **Interface** RS-232 and USB
- **Light Transmission** Above 75%
- **OS Support** Windows XP, Vista, 7, 8, 10, XPe and Linux
- **Multi Touch** 10 points, USB interface in Win 7/8.
- **Hardness** 7H

Environment

- **Operating Temperature** 0 ~ 55 °C (32 ~ 131 °F)
- **Storage Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Humidity (Storage)** 10 ~ 90% non-condensing
- **IP Rating** Front panel is IP66 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

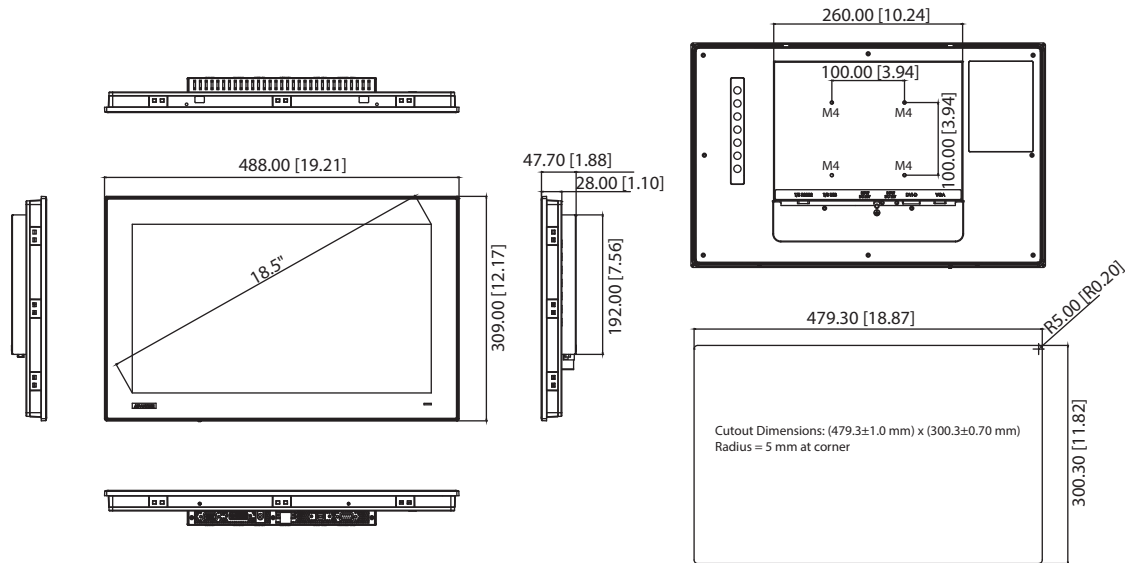
- **FPM-7181W-P3AE** 18.5" WXGA Ind Monitor w/PCT TS (RS-232, USB)

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
- **1700000596-11** 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

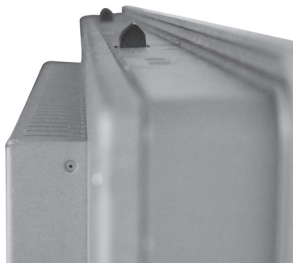
Dimensions

Unit: mm [inch]

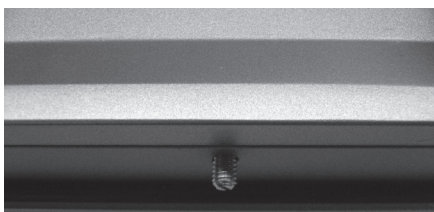


Easy Installation

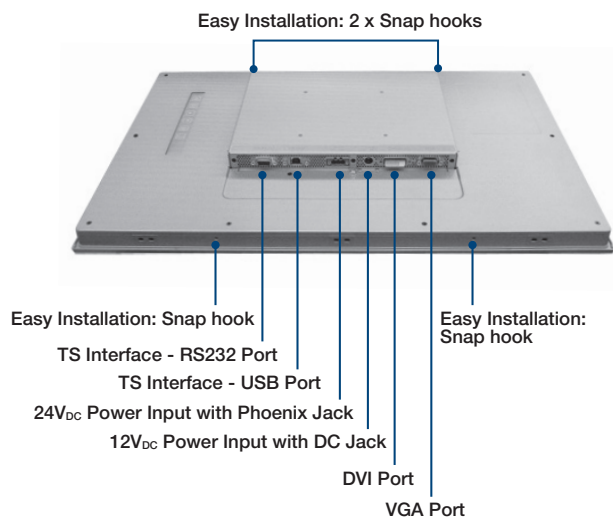
Snap hook in rear cover



Stopper screw in rear cover



Rear View



FPM-7211W

21.5" Full HD Industrial Monitor with PCAP Touch Control, Direct VGA, and DVI Ports



Features

- 21.5" Full HD TFT LED LCD
- 16:9 widescreen aspect ratio, increases viewing area by 40%
- Supports 10-point multi-touch control via USB interface in Windows 7/8 OS
- Slim design enables easy installation
- Supports various mount options: panel, wall, desktop, and VESA arm
- Touchscreen with reliable glass surface and PCAP touch control
- Robust system with SECC chassis and IP66-rated magnesium alloy front panel
- OSD control buttons on rear panel
- Lockable I/O connectors

Introduction

The FPM-7211W is an industrial-grade, widescreen monitor with sleek, simple lines and a true-flat touchscreen. Equipped with PCAP 10-point multi-touch control and an IP66-rated front bezel, FPM-7211W is designed for intuitive operation in harsh industrial environments. Moreover, FPM-7211W supports a range of mount options to ensure easy, single-person installation.

Specifications

General

- **OSD Controls** OSD control buttons on rear panel
- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)** 558.4 x 349.8 x 47.7 mm (21.98 x 13.77 x 1.88 in)
- **Enclosure** Front panel: Die cast magnesium alloy
Rear cover: SECC
- **Mount Options** Panel, wall, desktop, VESA (MIS,100,C)
- **Power Input** Phoenix Jack: 24 V_{DC} input
- **Power Consumption** 25 W + 20%
- **Video Port** VGA & DVI-D port
- **Weight (Net)** 8 kg (17.6 lb)

LCD Display

- **Display Type** Full HD TFT LED LCD
- **Display Size** 21.5"
- **Max. Resolution** 1920 x 1080
- **Max. Color** 16.7M
- **Viewing Angle (H/V °)** 178/178
- **Luminance (cd/m²)** 300
- **Backlight Life** 50,000 hr
- **Contrast Ratio** 5000:1

Touchscreen

- **Type** Projected capacitive touch
- **Interface** RS-232 and USB
- **Light Transmission** Above 75%
- **OS Support** Windows XP, Vista, 7, 8, 10, XPe and Linux
- **Multi Touch** 10 points, USB interface in Win 7/8.
- **Hardness** >6H

Environment

- **Operating Temperature** 0 ~ 55 °C (32 ~ 131 °F)
- **Storage Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Humidity (Storage)** 10 ~ 90% non-condensing
- **IP Rating** Front panel is IP66 compliant
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

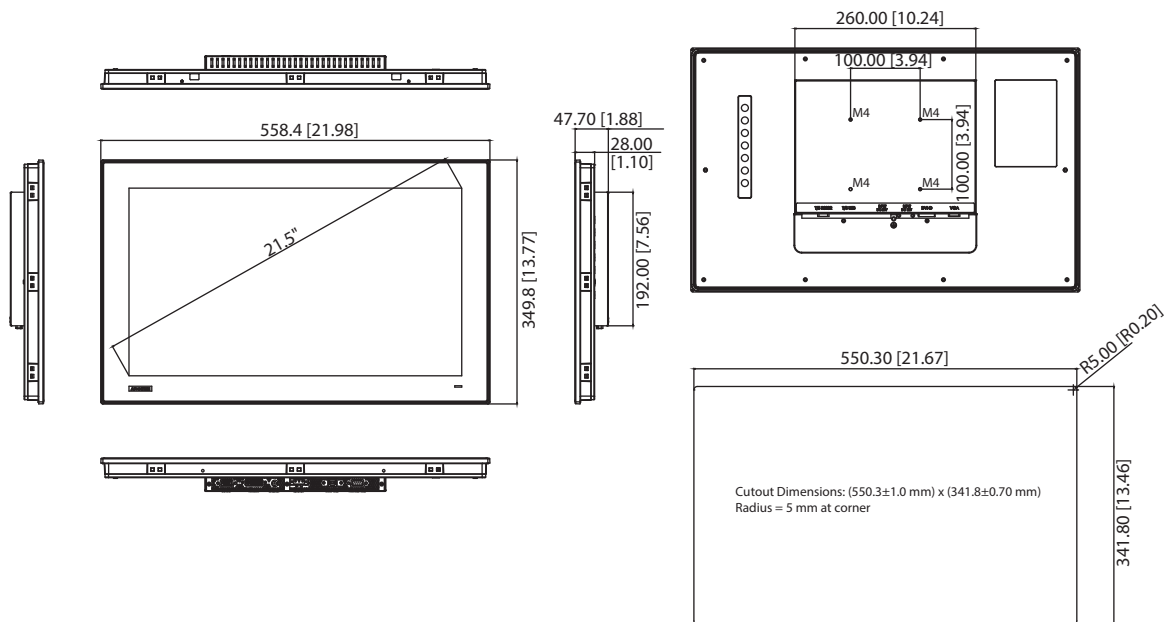
- **FPM-7211W-P3AE** 21.5" Full HD Ind Monitor w/PCT TS (RS-232, USB)

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
- **1700000596-11** 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

Dimensions

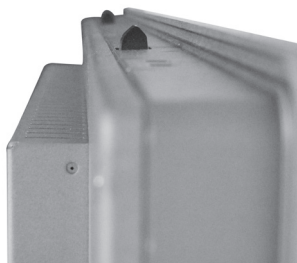
Unit: mm [inch]



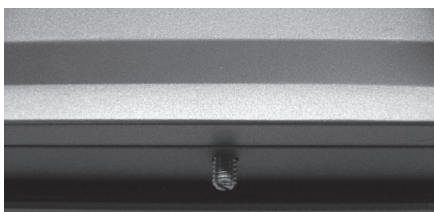
Panel Cutout Dimensions: 550.30 x 341.8 mm (21.67 x 13.46 in)

Easy Installation

Snap hook in rear cover



Stopper screw in rear cover



Rear View

