FPM-7181W

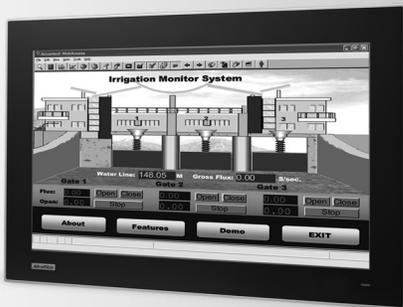## 18.5" Industrial Monitor with Projected Capacitive Touchscreen, Direct-VGA and DVI Ports

NEW

Features

- 18.5" WXGA TFT LED LCD wide screen display
- Truly-flat touch screen with IP65 compliance
- Slim type design for Panel mount / Wall mount easy installation
- Supports industrial 24V$_{DC}$ power input
- Supports panel, wall, desktop and VESA arm mounting
- OSD control pad on rear panel
- Projected Capacitive Touchscreen, with Multi touch.
- Robust design with SECC chassis and Magnesium alloy front panel
- Lockable I/O connectors

Introduction

With its brand new design, the FPM-7181W provides a new wide screen display size with industrial grade design concept. By truly-flat touch screen, the front bezel meets IP65 testing criteria. FPM-7181W projected capacitive touch can support 4-points touch application. New easy installation design can help you with one person for panel mounting. FPM-7181W monitor with slim enclosure is ideally suited to being either panel or wall mounted.

Specifications

General

- **OSD Controls** — OSD control in rear cover
- **Certification** — BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)** — 488 x 309 x 47.7mm (19.2" x 21.2" x 1.8")
- **Enclosure** — Front panel: Die-cast Magnesium alloy
  Rear cover: SECC
- **Mounting** — Panel, wall, desktop, VESA (MIS,100,C)
- **Power Input** — Phoenix Jack: 24 V$_{DC}$ input
  DC Jack: external 57 W power adapter, with 100 ~ 240 V$_{AC}$ input and 12 V$_{DC}$ @ 4.75 A output

Note: AC power adapter is included.

- **Power Consumption** — 35 W + 20%
- **Video Port** — VGA & DVI-D port
- **Weight (Net)** — 6kg (13.2lbs)

LCD Display

- **Display Type** — WXGA TFT LED LCD
- **Display Size** — 18.5''
- **Max. Resolution** — 1366 x 768
- **Max. Color** — 16.2 M
- **Viewing Angle (H/V°)** — 170/160
- **Luminance (cd/m²)** — 300
- **Backlight Life (hrs)** — 50,000
- **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,XPe,CE and Linux
- **Multi Touch** — 4 points, USB interface in Win 7/8.
- **Hardness** — 7H

Environment

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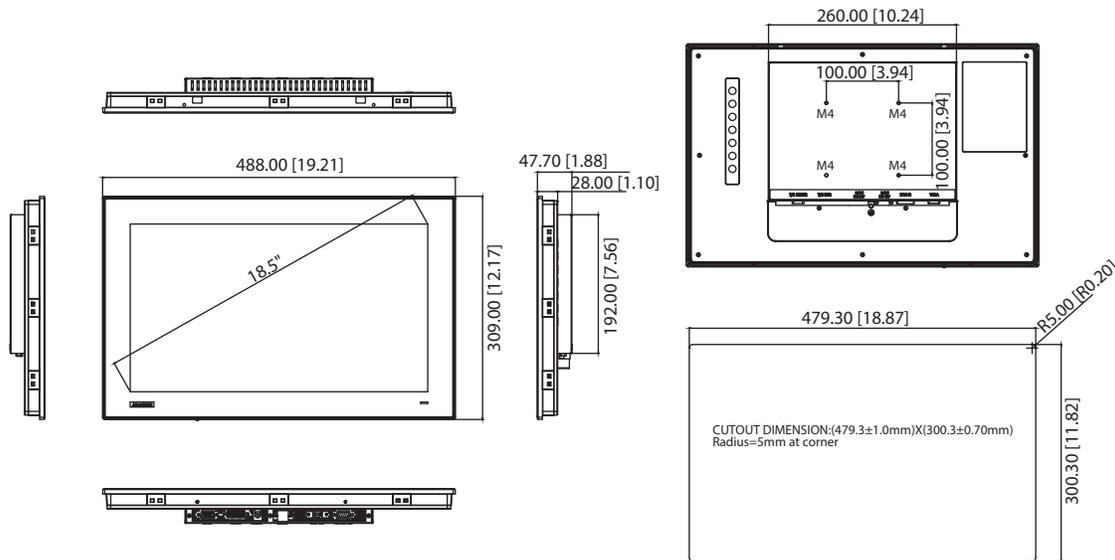
Ordering Information

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

Accessories

- **PWR-246E** — Ind. DC to DC w/24-48 V$_{DC}$ 1.4-2.9A In 12 V$_{DC}$ 5A Out
- **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
- **FPM-7181W-SMKE** — FPM-7181W Mounting kit for desktop & wall

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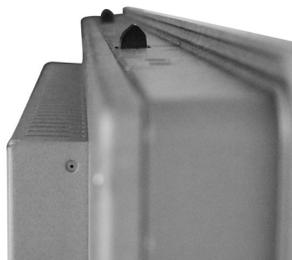**ADVANTECH** | **Industrial Monitors**

Dimensions

Unit: [mm]

260.00 [10.24]

100.00 [3.94]

M4   M4

M4   M4

100.00 [3.94]

488.00 [19.21]

47.70 [1.88]

28.00 [1.10]

18.5"

309.00 [12.17]

192.00 [7.56]

479.30 [18.87]

R5.00 [R0.20]

300.30 [11.82]

CUTOUT DIMENSION:(479.3±1.0mm)X(300.3±0.70mm)
Radius=5mm at corner

Panel Cut-out Dimensions: 479 mm X 300 mm

Easy Installation

Snap hook in rear cover

Screw to set up the snap hook out of upper side

Stopper Screw in rear cover

Screw for the stopper screw out of down side

Rear View

Easy Installation: Snap hook x2

Easy Installation: Snap hook

TS Interface - RS232 Port

TS Interface - USB Port

24VDC Power Input with Phoenix Jack

12VDC Power Input with DC Jack

DVI Port

VGA Port

Easy Installation:
Snap hook