FPM-7181W

18.5" WXGA Industrial Monitor with PCT Touch, Direct-VGA and DVI Ports

NEW

Features

- 18.5" WXGA TFT LED LCD wide screen display
- 16:9 wide screen display, view area increases by 40%
- Supports10 points multi-touch via USB interface in Windows 7/8
- Slim type design for Panel mount / Wall mount easy installation
- Various mounting options: panel, wall, desktop and VESA arm mounting
- Projected Capacitive Touchscreen with reliable glass surface
- Robust design with SECC chassis and Magnesium alloy front panel with IP66 compliance
- OSD control pad on rear cover
- Lockable I/O connectors

c(UL)us LISTED E180B81 I.T.E.   R33138   CCC   CE   FCC

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 IP66 testing criteria. FPM-7181W projected capacitive touch can support 10-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 47.7 mm (19.21" x 12.17" x 1.88")
- **Enclosure**   Front panel: Die-cast Magnesium alloy
  Rear cover: SECC
- **Mounting**   Panel, wall, desktop, VESA (MIS,100,C)
- **Power Input**   Phoeni x Jack: 24 V_{DC} input
  DC Jack: e x ternal 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**   20 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**   16.7M
- **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 and Linux
- **Multi Touch**   10 points, USB interface in Win 7/8.
- **Hardness**   7H

Environment

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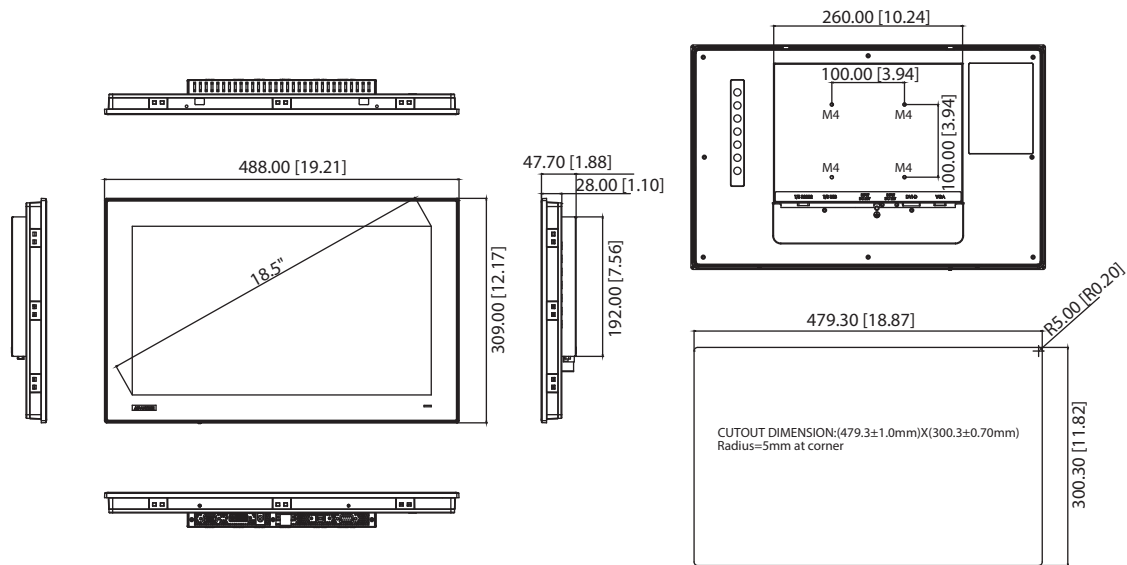
Ordering Information

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

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**   Power Cable China/Australia Plug 1.8 M
- **FPM-7181W-SMKE**   FPM-7181W Mounting kit for desktop & wall

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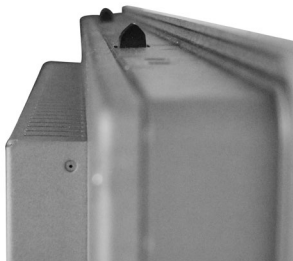**ADVANTECH** | **Automation Panels**

Dimensions

Unit: mm [inch]

260.00 [10.24]
100.00 [3.94]
M4 M4
100.00 [3.94]
M4 M4

488.00 [19.21]

18.5"

309.00 [12.17]

47.70 [1.88]
28.00 [1.10]
192.00 [7.56]

479.30 [18.87]
R5.00 [R0.20]

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

300.30 [11.82]

Panel Cut-out Dimensions: 479.30 x 300.30 mm (18.87" x 11.82")

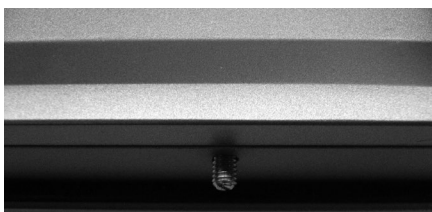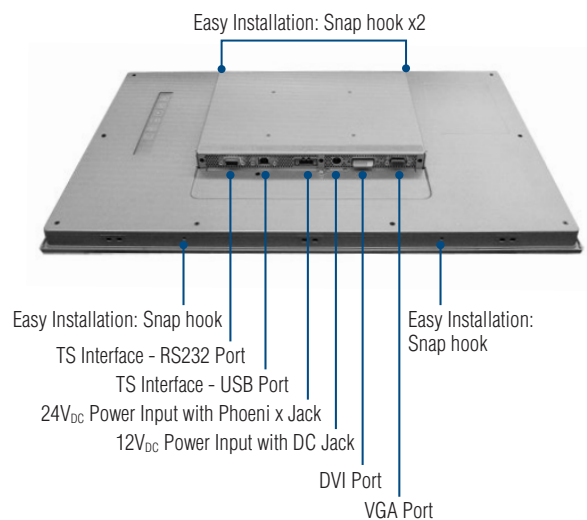# Easy Installation

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

24V$_{DC}$ Power Input with Phoeni x Jack

12V$_{DC}$ Power Input with DC Jack

DVI Port

VGA Port

Easy Installation:
Snap hook

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