FPM-7181W

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

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

Introduction

With its brand new design, the FPM-7181W provides a new wide screen display size with industrial grade design concept. With a truly-flat touch screen, the front bezel meets IP65 testing criteria. The light weight FPM wide screen 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 45.7mm (19.2" x 21.2" x 1.8")
- **Enclosure** — Front panel: Die-cast Magnesium alloy
  Rear cover: SECC
- **Mounting** — Panel, wall, desktop, VESA arm
- **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
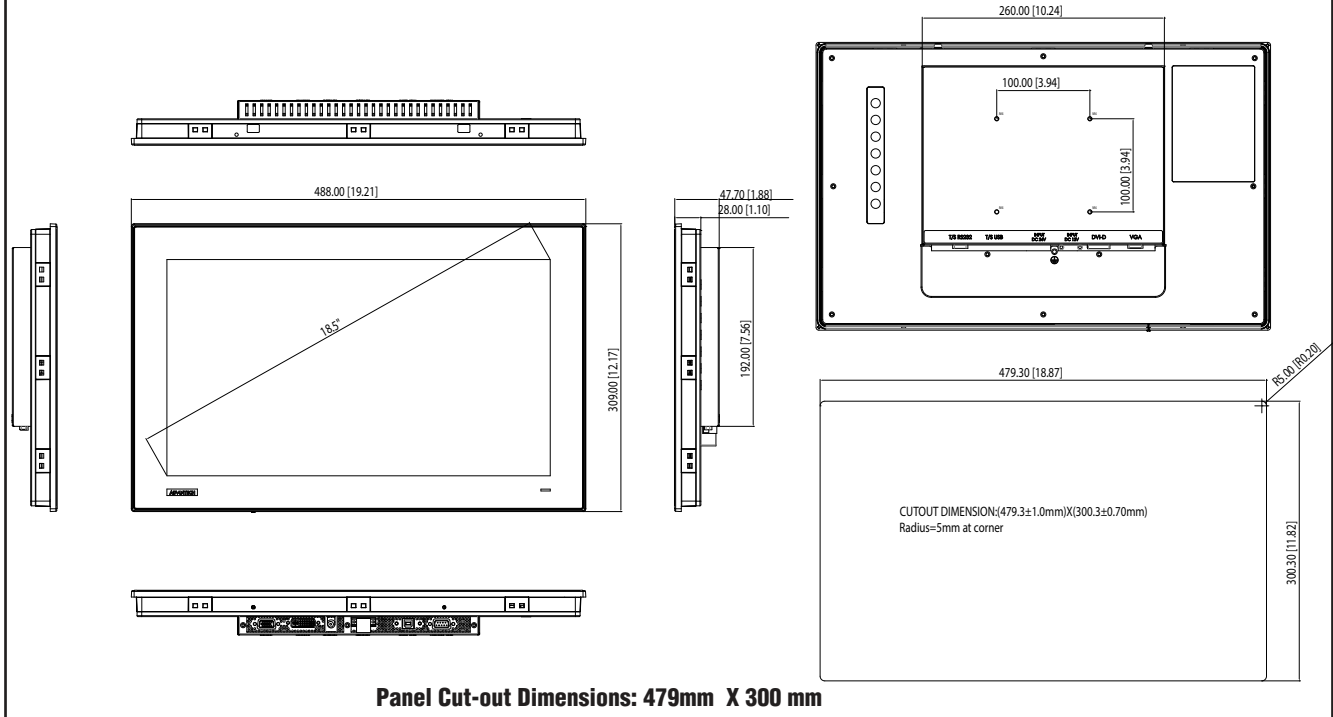- **Contrast Ratio** — 1000:1

Touchscreen

- **Type** — Projected capacitive touch
- **Interface** — RS-232 and USB
- **Light Transmission** — Above 75%
- **OS Support** — Microsoft® WES7P/XP/WES2009/WinCE 6.0/ Linux

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)

Dimensions

Unit: mm

260.00 [10.24]

100.00 [3.94]

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]

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

300.30 [11.82]

Panel Cut-out Dimensions: 479mm X 300 mm

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

Rear View

TS Interface - RS232 Port

TS Interface - USB Port

$24V_{DC}$ Power Input with Phoenix Jack

$12V_{DC}$ Power Input with DC Jack

DVI Port

VGA Port