



Main Features

- ♦ IP66 compliant and metal housing with robust aluminum front zero bezel for harsh environment
- ♦ 10 points P-Cap multi-touch with zero bezel flush front design
- ♦ 3 display input interface: analog VGA/DVI-D/DisplayPort
- ♦ Shares identical appearance with IPPC series
- ♦ Ultra slim in depth
- ♦ OSD multi-language function
- ♦ All connectors with lock
- ♦ Mounting support: panel/wall/stand/VESA 100mm x 100mm
- ♦ Wide range power input 12~24VDC

Product Overview

18.5" 16:9 LCD display IPPD 1800P is based on a ten points P-Cap multi-touch screen with resolution up to 1366 x 768 Panel. IPPD 1800P has system grade grounding protection which means chassis grounding and power grounding design to avoid in-rush current damage monitor. IPPD 1800P is ideal for space-critical environments where systems and displays are kept apart. In addition, IPPD 1800P adopts zero bezel flush panel design and has IP66 front panel. IPPD 1800P provides prevailing video interface: VGA, DVI-D and DisplayPort, supporting both digital and analog signals. Moreover, IPPD 1800P supports 12~24VDC power input and offers panel mount and VESA mount, allowing users to choose the mounting method that meets their situation. IPPD 1800P is the best solution for NEXCOM NISE fanless computer, NVIS security surveillance series and APPC/IPPC panel PC when a second display is required.

Specifications

Panel

- ♦ LCD size: 18.5", 16:9
- ♦ Resolution: WXGA 1366 x 768
- ♦ Luminance: 400cd/m2
- ♦ Contrast ratio: 1000
- ♦ LCD color: 16.7M
- ♦ Viewing angle: 80 (U), 80 (D), 85 (L), 85 (R)
- ♦ Backlight: LED

Touch

- ♦ Ten points P-Cap (projected capacitive touch)
- ♦ Touch light transmission: 87%
- ♦ Anti-scratch surface: 7H hardness
- ♦ Touch interface: USB
- ♦ Windows 8 compliance

Rear I/O

- ♦ Touch interface port: USB with Lock
- ♦ Video port: VGA (1 x DB15)/DVI-D (1 x DVI-D connector)/DisplayPort
- ♦ DC power input connector: 3-pin PHOENIX terminal blocks

OSD Function

- ♦ OSD keypad
- ♦ Multilanguage OSD

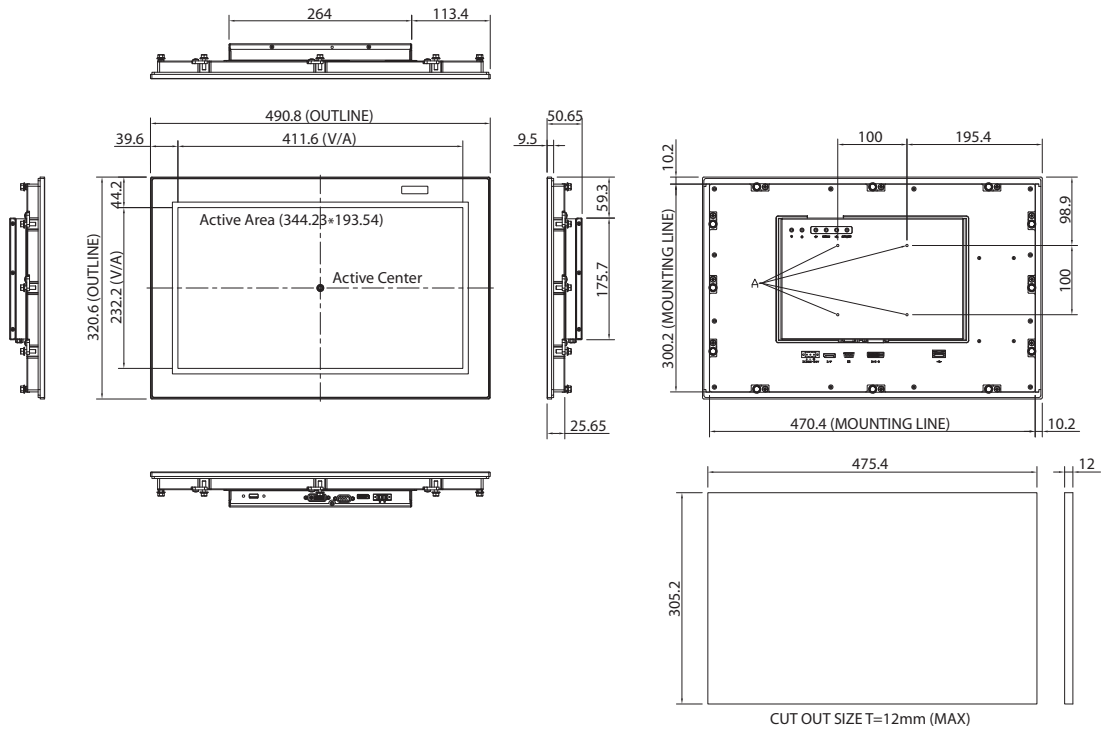
Mechanical & Environment

- ♦ Color: Pantone 432C/RAL 70 24 front bezel
- ♦ IP protection: IP66 front
- ♦ Mounting: panel/wall/stand/VESA 100mm x 100mm
- ♦ System with panel mounting kit w/ o panel mounting hole
- ♦ Power input: 12~24VDC
- ♦ Power adapter: optional AC to DC power adapter (+12V, 60W)
- ♦ Vibration:
 - IEC 68 2-64
 - 2Grms @ sine, 5~500Hz, 1hr/axis (operating)
 - 2.2Grms @ random condition, 5~500Hz, 0.5hr/axis (non-operating)
- ♦ Shock:
 - IEC 68 2-27
 - HDD: 20G@wall mount, half sine, 11ms
- ♦ Operating temperature: -10°C to 60°C
- ♦ Storage temperature: -20°C to 75°C
- ♦ Operating humidity: 10%~90% relative humidity, non-condensing
- ♦ Dimension: 490.8 x 320.6 x 50.65mm
- ♦ Weight: 6.24Kg

Certifications

- ♦ CE (including EN61000-6-1/EN61000-6-2/EN61000-6-3/EN61000-6-4)
- ♦ FCC Class B

Dimension Drawing



Ordering Information

Barebone

- **IPPC 1800P (P/N: 10II1800P00X0)**
18.5" WXGA heavy industrial 16:9 LED backlight P-Cap touch monitor with VGA, DVI-D and DisplayPort input, 12~24VDC input

Option

- **12V, 60W AC/DC power adapter w/o power cord**
(P/N: 7400060031X00)
- **1.8m DVI-D male to DVI-D male cable**
(P/N: 603DVI0007X00)
- **1.8m DisplayPort cable (P/N: 6030000122X00)**