



## Main Features

- ♦ IP65 compliant plastic front bezel with flush panel by 5-wire touch screen
- ♦ Triple display input interface: analog VGA/DVI-D/DisplayPort
- ♦ Shares identical appearance with APPC series
- ♦ Dual touch screen interface: RS232 and USB (optional)
- ♦ Ultra slim in depth
- ♦ Multiple mounting way for easy integration

## Product Overview

19" 4:3 LCD display APPD 1900-1 is based on a 5-wire resistive touch screen. It has 350 nits brightness and can support resolutions up to 1280 x 1024. APPD 1900-1 is ideal for space-critical environments where systems and displays are kept apart. In addition, APPD 1900-1 adopts a flush panel design and has IP65 front panel. APPD 1900-1 provides prevailing video interfaces: VGA, DVI and DisplayPort, supporting both digital and analog signals; touch screen can be connected with RS232 or USB ports. Moreover, APPD 1900-1 supports 24VDC  $\pm 20\%$  power input and offers panel mount and VESA mount, allowing users to choose the mounting method that meets their situation. APPD 1900-1 is the best solution for NEXCOM NISE fanless computer, NVIS security surveillance series and APPC panel PC when a second display is required.

## Specifications

### Panel

- ♦ LCD size: 19", 4:3
- ♦ Resolution: SXGA 1280 x 1024
- ♦ Luminance: 350cd/m<sup>2</sup>
- ♦ Contrast ratio: 1000
- ♦ LCD color: 16.7M
- ♦ Viewing angle: 80 (U), 80 (D), 85 (L), 85 (R)
- ♦ Backlight: LED

### Touch Screen

- ♦ 5-Wire resistive (flush panel type)
- ♦ Light transmission: 81%
- ♦ Interface: USB and RS232 (optional)

### Rear I/O

- ♦ Touch interface port: RS-232 (1 x DB9)/USB type A
- ♦ Video port: VGA (1 x DB15)/DVI-D (1 x DVI-I connector)/DisplayPort
- ♦ DC power input connector: 3-pin Phoenix terminal blocks

### OSD Function

- ♦ OSD keypad

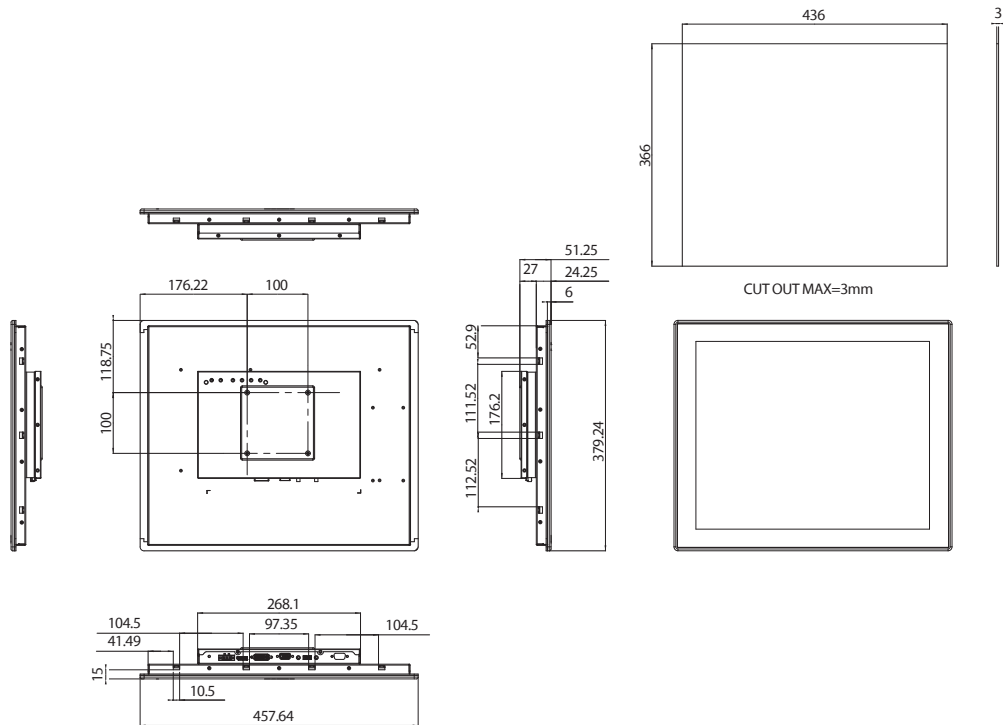
### Mechanical & Environment

- ♦ Color: Pantone black and black silver chassis box
- ♦ IP protection: IP65 front
- ♦ Mounting: panel/wall/stand/VESA 100mm x 100mm
- ♦ Power
  - Power input: 24VDC  $\pm 20\%$
  - Optional 24V, 60W AC/DC power adapter w/o power cord
- ♦ 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
  - 20G@wall mount, half sine, 11ms
  - Operating temperature: -20°C~60°C
  - Storage temperature: -20°C~75°C
- ♦ Operating humidity: 10%~90% relative humidity, non-condensing limits to be at 90% RH at max 50°C
- ♦ Dimension: 457.64 x 379.24 x 51.25mm
- ♦ Weight: 5.5 kg

### Certifications

- ♦ CE approval
- ♦ FCC Class B

## Dimension Drawing



## Ordering Information

- **APPD 1900-1 (P/N: 10IA0190000X0)**  
19" SXGA industrial 4:3 LED backlight flush touch monitor with VGA, DVI-D and DisplayPort, 24VDC input, RS232 and USB touch screen interfaces

### Options

- **24V, 60W AC/DC power adapter w/o power cord (P/N: 7400060054X00)**
- **1.8m DVI-D male to DVI-D male cable (P/N: 603DVI0007X00)**