APPD 1200-2

12.1" IP65 Industrial 4:3 XGA LCD Flush Touch Monitor

Main Features

- IP65 compliant aluminum 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: RS-232 or USB (optional)
- Ultra slim in depth
- Multiple mounting way for easy integration

Product Overview

The 12.1-inch 4:3 LCD display APPD 1200-2 features a 5-wire resistive touch screen, 500 cd/m2 brightness, and supports resolutions up to 1024 x 768. APPD 1200-2 is ideal for space-constrained environments where systems and displays are separated. Its flush panel design with a slim bezel and IP65-rated front panel ensures durability in demanding industrial settings.

APPD 1200-2 offers a variety of video interfaces, including VGA, DVI, and DisplayPort, supporting both digital and analog signals. The touch screen can be connected using RS-232 or USB ports. APPD 1200-2 accepts 24V DC ±20% power input and provides panel mount and VESA mount options for flexible installation. APPD 1200-2 is the perfect companion for NEXCOM NISE fanless computers, NIFE Automation PC series, and APPC panel PCs when a second display is needed.

Specifications

Panel
- LCD size: 12.1", 4:3
- Resolution: XGA 1024 x 768
- Luminance: 500cd/m²
- Contrast ratio: 1200:1
- LCD Color: 16.7M
- Viewing angle: 88 (U), 88 (D), 88 (L), 88 (R)
- Backlight: LED

Touch Screen
- 5-wire resistive (flush panel type)
- Light transmission: 78%
- Interface: USB

Rear I/O
- Touch screen 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 block
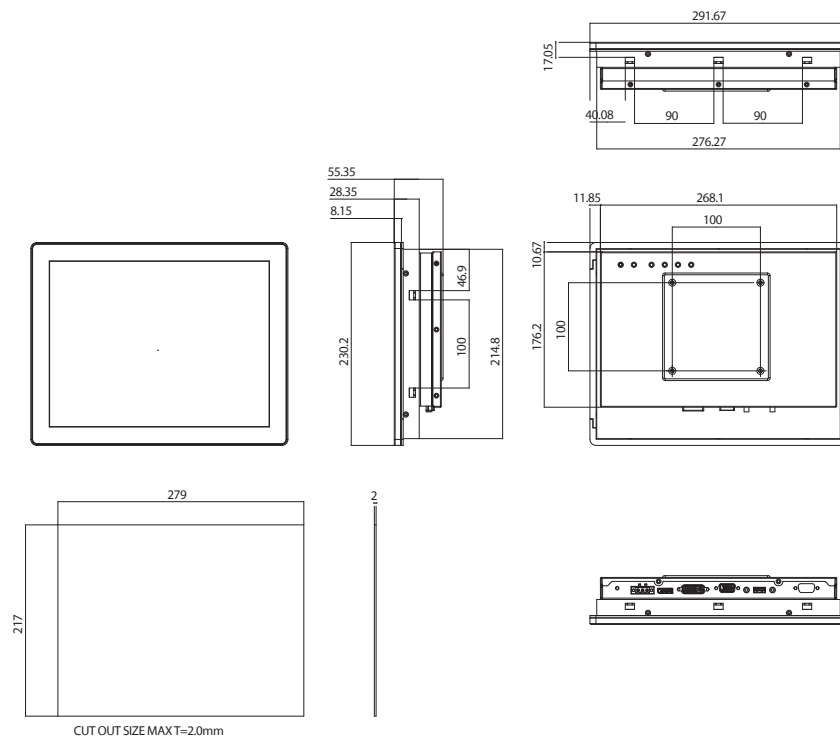
OSD Function
- OSD keypad

Mechanical & Environment
- Color: Pantone 400C\RAL 090 80 10 aluminum front bezel and black silver chassis box
- IP protection: IP65 front
- Mounting: panel/wall/stand/VESA 100mm x 100mm
- Power
  - Power input: 24V DC ± 20%
  - Power adapter: optional AC/DC power adapter (24V DC, 60W)
- Vibration:
  - 2G@sine, 5~500Hz, 1hr/axis (operating), IEC60068-2-64
  - 2Grms@random condition, 5~500Hz, 0.5hr/axis (operating), IEC 60068-2-64
- Shock:
  - 20G@wall mount, half sine, 11ms (operating), IEC 60068-2-27
- Temperature:
  - Operating temperature: 0°C to 50° (Ambient with air flow)
  - Storage temperature: -20°C to 75°C
- Operating humidity: 10% to 90%, non-condensing (limits to be at 90% RH at max 50°C)
- Dimension: 291.7mm x 230.2mm x 55.35mm
- Weight: 2.7Kg

Certifications
- CE approval (EN 55032, EN 55035)
- FCC Class A

Dimension Drawing

CUT OUT SIZE MAX T=2.0mm

Ordering Information

Barebone

◆ **APPD 1200-2 (P/N: 10IA0120001X0)**
  12.1" XGA industrial 4:3 TFT LED backlight flush touch monitor with
  VGA, DVI-D and DisplayPort, 24VDC input, RS-232, or USB touch
  screen interface

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)

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