

# PANEL5000-A172

Precision resistive touch screen, COM / USB optional, VGA / DVI signal input

Industrial Touch Monitor



## Introduction

PANEL5000-A172 is ultra-thin industrial touch monitor that supports VGA and DVI inputs, front panel made of magnesium alloy with a PET film, support 12-24V DC power input, power interface uses Fastening Type Phoenix terminal, to prevent accidental removal during use; touch screen with high temperature five-wire resistive, with high sensitivity, dust and waterproof, anti-oil, with gloves may merit normal operation, touch screen flexibility to choose the COM port, USB port to communicate with the host.

PANEL5000-A172 front panel compliant NEMA / IP65 waterproof and dustproof standard, to prevent installation in the control cabinet because of the scene splashing water droplets and water vapor into the host and thus affect equipment operation; high-strength steel box structure, so that it can adapt to the harsh industrial site work environment, the most suitable for factory automation, machinery manufacturing, CNC equipment, textile equipment, communication networks, power automation and other industrial applications.

## Features and Benefits



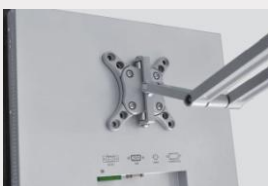
Using precision resistive touch screen



Rugged steel structure



Phoenix terminal using fastening type power connector



Supports VESA wall mount



OSD control buttons on the rear panel

## Institutional

Front Panel Magnesium alloy front panel IP65 degree of protection, steel-type box structure

Mounting Embedded panel and VESA wall mounting

Buttons The back of the machine is equipped with switches, lights, and OSD control buttons

Signal Input DVI and VGA

Communication COM/USB

Power Input 12-24V DC voltage input

Front Color Silver (plus PET film)

Overall size 434 × 342 × 54mm(W × H × D)

Case Size 408 × 322 × 48mm(W × H × D)

Hole Size 411 × 325 mm(W × H)

Weight 5.06kg

## Environmental

Working tem. -20~+60℃ Electronic disk

Storage tem. -30~+80℃

Relative humidity 5~95%@40℃ No condensation

Vibration 5~500Hz,1.5G,0.15mm Peak to peak

Shock 10G/peak 11ms sec

## LCD

Size / Type 17-inch TFT LCD

Resolution 1280 × 1024

Maximum color 16.7M

Display area 338 × 270mm

Reaction time 8ms

Backlit LED

Backlit MTBF 30,000 hours

Lattice 0.297 × 0.297

Brightness 250cd/m<sup>2</sup>

Contrast ratio 1000: 1

Max view angle (H)140/(V)130

## Touch screen

Size / Type 17-inch five-wire analog resistive

Resolution 4096 × 4096

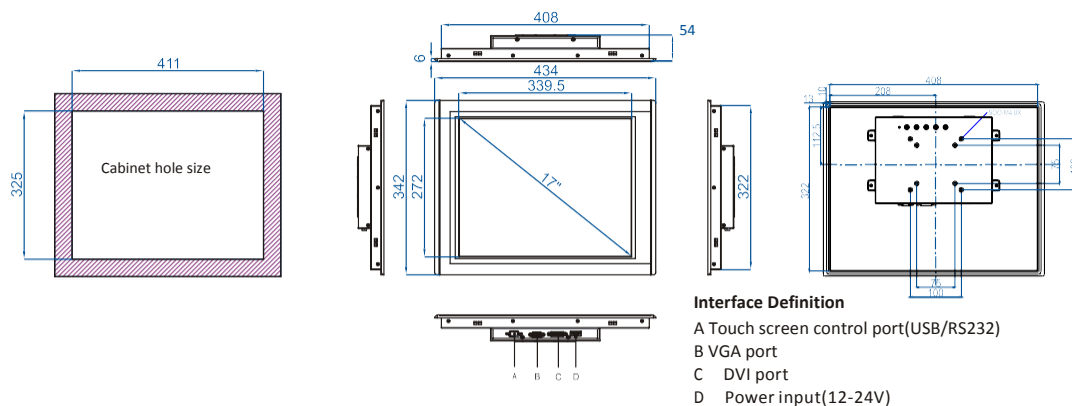
Response time <5ms

Surface hardness 3H

Click life 250g efforts, 35 million times

Stroke life 250g efforts, 5 million times

Transmittance More than 81%



## Ordering Information

PANEL5000-A172-TS 17-inch TFT LCD/Resolution 1280×1024/VGA/DVI/Resistive Touch Screen/ COM/ DC 12-24V/ adapter  
 PANEL5000-A172-TU 17-inch TFT LCD/Resolution 1280×1024/VGA/DVI/Resistive Touch Screen/ USB/ DC 12-24V/ adapter  
 PANEL5000-A172-C 17-inch TFT LCD/Resolution 1280×1024/VGA/DVI/Glass/ DC 12-24V/ adapter

## Packing List:

Hook: 8\*Hooks apply to Thickness=1mm~1.2mm

Terminal : 2pin Phoenix terminal

VGA Cable: 1.8M

USB Cable : 1.8M

## Optional Equipment:

Adapter: 12V/3.33A,40W 2pin Phoenix terminal

Chinese Standard Power Line: 1.8M/3M/5M

VGA Cable: 3M/5M

USB Cable: 3M/5M

DVI Cable: 1.8M/3M/5M