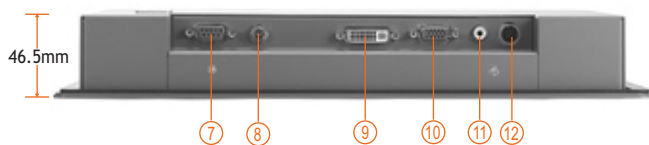


# PANEL6122

## 12.1" TFT Industrial LCD Monitor



1. Exit
2. Menu
3. SEL-
4. SEL+
5. Power LED
6. Power switch



7. T/S port  
(D-sub optional)
8. DC power input
9. DVI
10. VGA
11. Video
12. S-video



Side view

## Features

- 12.1" TFT 400 nits high brightness SVGA LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor (PANEL6122-P)
- Resistive and capacitive types of touchscreen
- Supports full range screw-type (locked) AC-in or 24V DC-in (option)
- Supports multi-signal inputs: VGA, S-video, video and DVI
- Supports panel mount, wall mount and VESA arm

## Introduction

The PANEL6122 is an ultra slim industrial LCD monitor equipped 12.1-inch 400 nits high brightness SVGA LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, and Video. Featuring NEMA4/IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the PANEL6122 supports panel, wall or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical

Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. In order to provide more flexible configurations, the open frame option is available as well. The PANEL6122 is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

## Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	Display Control	OSD (on screen display)	
Mounting	Panel mounting, wall mounting or VESA FPMPMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	Display Mode	VGA 640 x 480 (60/72Hz) SVGA 800 x 600 (60/72Hz)	
LCD Panel	Display Type	12.1" TFT LCD	Input Signal	
	Max. Resolution	800 x 600		Video (optional)
	Max. Colors	16.2M/262k		S-Video (optional)
	Active Area (mm)	246 x 184.5	DVI	
	Pixel Pitch (mm)	0.3075 x 0.3075	Touchscreen: Serial RS-232 or USB (for resistive)	
	Response Time	35ms	I/O Connectors	
	Backlight	2 CCFL		1 x RS-232 or USB for touchscreen version
	Backlight MTBF	50,000 hrs		1 x VGA input
	Viewing Angle (H/V)	140° / 110°		1 x RCA for video (optional)
	Contrast Ratio	600 (TYP.)		1 x S-Video for video (optional)
Brightness (cd/m <sup>2</sup> )	400 nits	1 x DVI	Power Adapter	
		1 x Screw-type DC power input		Screw-type external AC / DC power adapter

Touchscreen	Thickness	Resistive: 2.2mm
	Light Transmission	Resistive: 80%
	Power Consumption	Resistive: +5V @ 100mA
	Touch Life	Resistive: 35million touches Controller interface: RS-232 D-type 9-pin male connector or USB connector (for resistive)
Dimensions	PANEL6122-P: 340 mm (13.3") (W) x 46.5 mm (1.8") (D) x 260 mm (10.2") (H)	
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)	
Weight (net/gross)	3.0 kg (6.61 lb)/6.6 kg (14.55 lb)	
Environment	Operating temperature: -10°C ~ +55°C (14°F ~ 131°F) Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F) Relative humidity: 20% ~ 90%, non-condensing	
Certification	CE	

## Ordering Information

### P6122

AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6122PR-AC-RS
	Resistive (USB)	P6122PR-AC-U
24Vdc Power	Panel Mount Monitor	
	Resistive (RS-232)	P6122PR-24Vdc-RS
	Resistive (USB)	P6122PR-24Vdc-U
	Glass	P6122PG-AC

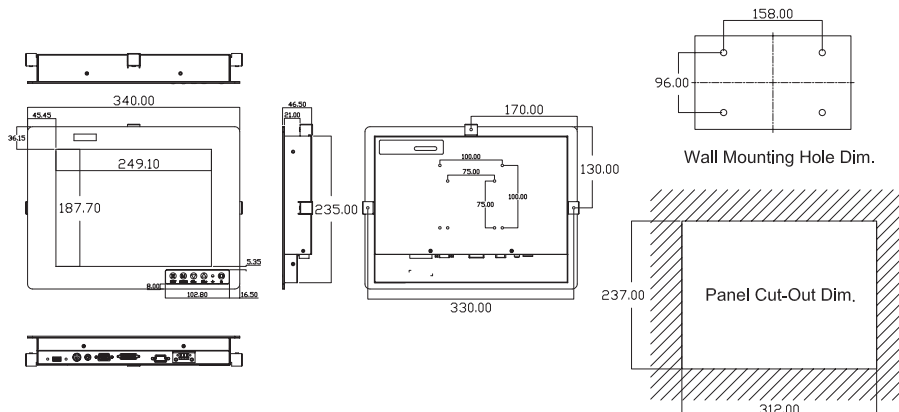
### P6122L

AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6122LPR-AC-RS
	Resistive (USB)	P6122LPR-AC-U
24Vdc Power	Panel Mount Monitor	
	Resistive (RS-232)	P6122LPR-24Vdc-RS
	Resistive (USB)	P6122LPR-24Vdc-U
	Glass	P6122LPG-AC

\* Specification and certifications are based on options and may vary.

\*\* PANEL6xxx is commonly known as P6xxx.

## Dimensions



## Optional Accessories

ARM-VM-101	VESA ARM (clamp type)
ARM-VM-105	VESA ARM (wall mount type)
Wall mounting & desktop stand	



Stand kit



Various mounting ways  
Panel/ Wall/ VESA



Screw-type power input



Phoenix-type power input

Overview

Industrial Panel Computers & Monitors

Heavy-duty Fanless Touch Panel Computers

Digital Signage Solutions

Healthcare & Medical Solutions

Open Frame Panel Computers

Accessories