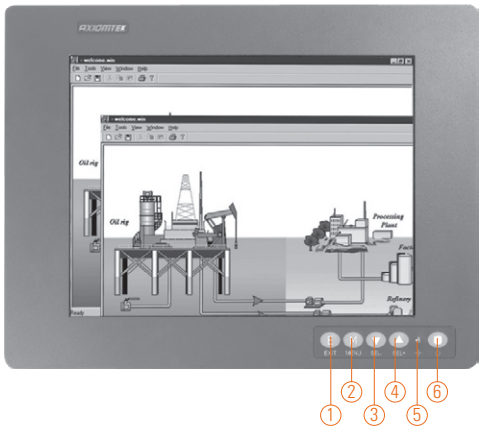
P6122

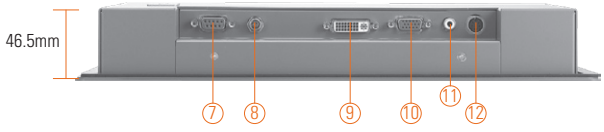
12.1" TFT Industrial LCD Monitor

Features

- 12.1" TFT 400 nits high brightness SVGA LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Resistive 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



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

Introduction

The P6122 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 P6122 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 P6122 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	
Mounting	Panel mounting, wall mounting or VESA FPMPMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display Type	12.1" TFT LCD
	Max. Resolution	800 x 600
	Max. Colors	16.2M/262k
	Active Area (mm)	246 x 184.5
	Pixel Pitch (mm)	0.3075 x 0.3075
	Response Time	35ms
	Backlight	2 CCFL
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	140°/110°
	Contrast Ratio	600 (TYP.)
	Brightness (cd/m2)	400 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 480 (60/72Hz) SVGA 800 x 600 (60/72Hz)	
Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak Video (optional) S-Video (optional) DVI Touchscreen: Serial RS-232 or USB (for resistive)	

* All specifications and photos are subject to change without notice.

Specifications

I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x VGA input 1 x RCA for video (optional) 1 x S-Video for video (optional) 1 x DVI 1 x Screw-type DC power input
Power Adapter	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	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: -30°C ~ +80°C (-22°F ~ +176°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
	Glass	P6122PG-AC
24VDC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6122PR-24VDC-RS
	Resistive (USB)	P6122PR-24VDC-U
	Glass	P6122PG-24VDC
P6122L		
AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6122LPR-AC-RS
	Resistive (USB)	P6122LPR-AC-U
	Glass	P6122LPG-AC
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.

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

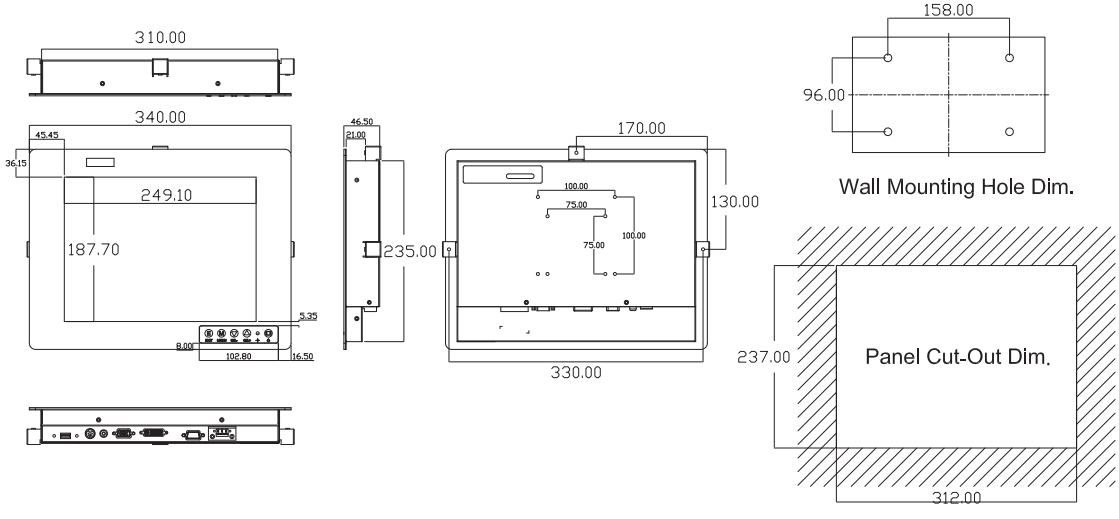


▲ Screw-type power input



▲ Phoenix-type power input

Dimensions



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