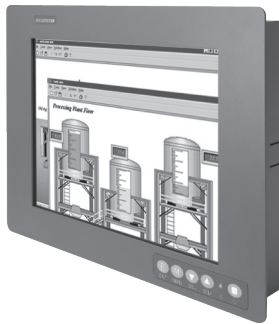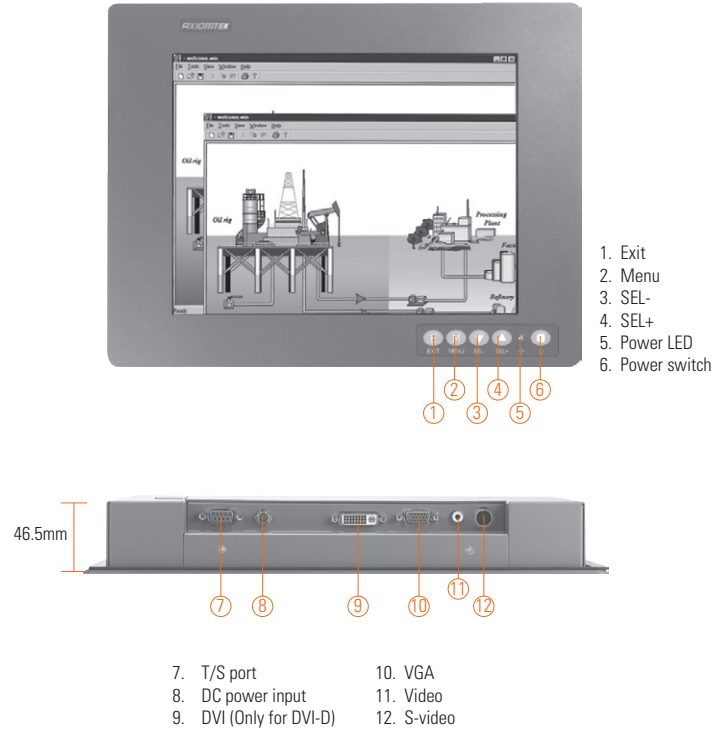# P6122

12.1" SVGA TFT Industrial LCD Monitor

Features

- 12.1" SVGA TFT LED backlight LCD
- Resistive touchscreen with 450 nit high brightness
- NEMA 4/12 (IP65)- compliant flat panel monitor
- Full range screw-type (locked) AC-in or 24V DC-in (option)
- VGA, S-video, Video and DVI-D with multi-signal inputs
- Supports panel mount, wall mount and VESA arm

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

▲ Side view

46.5mm

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

Introduction

The P6122 is a slim & compact industrial LCD monitor equipped 12.1-inch 450 nits high brightness SVGA LCD display and supports multi-signal interfaces including DVI-D, VGA, S-video, and Video. Featuring NEMA 4/12 & 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 mount, wall mount 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 mount, wall mount or VESA arm FPMPMI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display Type	12.1" SVGA 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	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	160°/140°
	Contrast Ratio	700 (TYP.)
	Brightness (cd/m^2)	450 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 480 (60/72Hz) SVGA 800 x 600 (60/72Hz)	

Specifications

Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak DVI (Only for DVI-D) Touchscreen: Serial RS-232 or USB Interface Video (optional) S-video (optional)
I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x VGA input 1 x DVI-D 1 x Screw-type DC power input 1 x RCA for video (optional) 1 x S-Video for video (optional)
Power Adapter	Screw-type external AC / DC power adapter
Power Consumption	11 W
Touchscreen	Thickness — Resistive: 2.2 mm
	Light Transmission — Resistive: 80%
	Power Consumption — Resistive: +5V @ 100mA
	Touch Life — Resistive: 35million touches
	Controller interface — RS-232 or USB D-type 9-pin male connector or USB connector
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) Relative humidity: 20%~90% @ 40°C, non-condensing
Certificate	CE

Ordering Information

P6122

AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6122PR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6122PR-AC-U-V3-RC-US-EU
	Glass	P6122PG-AC-V3-RC-US-EU
24VDC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6122PR-24VDC-RS-V3-RC
	Resistive (USB)	P6122PR-24VDC-U-V3-RC
	Glass	P6122PG-24VDC-V3-RC

P6122L

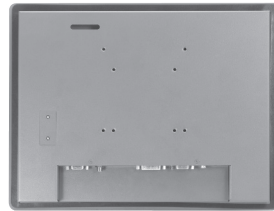| AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6122LPR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6122LPR-AC-U-V3-RC-US-EU
	Glass	P6122LPG-AC-V3-RC-US-EU
24VDC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6122LPR-24V-DC-RS-V3-RC
	Resistive (USB)	P6122LPR-24V-DC-U-V3-RC
	Glass	P6122LPG-24V-DC-V3-RC

* 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

Industrial Touch Monitors

Dimensions

310.00
340.00
45.45
36.15
249.10
187.70
46.50
21.00
235.00
5.35
8.00
102.80
16.50

170.00
100.00
75.00
75.00
100.00
130.00
330.00

158.00
96.00
Wall Mounting Hole Dim.

237.00
Panel Cut-Out Dim.
312.00