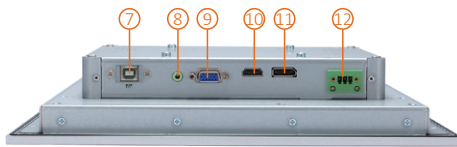


P6121-V3

12.1" XGA TFT Industrial LCD Monitor



- 7. USB touch interface
- 8. Audio (Line-in)
- 9. VGA
- 10. HDMI
- 11. DisplayPort
- 12. 24 VDC power input

Features

- 12.1" XGA TFT LED backlight LCD with 500 nits of brightness
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA arm
- Resistive touchscreen
- 24 VDC power input
- Multi-signal inputs: HDMI, DisplayPort, and VGA



▲ Ultra-slim mechanism design

Introduction

The P6121-V3 is an ultra-slim industrial LCD monitor featuring a 12.1-inch, 500-nit XGA LED-backlit display and supporting multiple signal interfaces, including DisplayPort, VGA, and HDMI. It boasts a NEMA 4/12 and IP65-rated front bezel and a 24VDC power input. Additionally, the P6121-V3 supports panel mount, wall mount, or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. Its compact design allows users to overcome space constraints, making it especially suitable for POI/POS systems, HMI applications, and various heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and 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	12.1" XGA TFT LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.7M
	Active Area (mm)	245.76 x 184.32
	Pixel Pitch (mm)	0.24 x 0.24
	Response Time	25ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	178°/178°
	Contrast Ratio	1000 (TYP)
Brightness (cd/m ²)	500 nits	

Display Control	OSD (on screen display)
Input Signal	DP VGA HDMI Touchscreen: USB interface
I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with terminal block (DC version)
Audio	2 x Speaker
Power Adapter	DC version: 24VDC
Power Consumption	22W
Touchscreen	5-wire resistive touch
Dimensions	311.81 mm (12.28") (W) x 54.95 mm (2.16") (D) x 250.31 mm (9.85") (H)
Packing Dimensions	520 mm (20.47") (W) x 196 mm (7.71") (D) x 547 mm (21.53") (H)
Weight (net/gross)	2.35 kg (5.18 lbs)/2.8 kg (6.17 lbs)
Environment	Operating temperature: -20°C to +50°C (-4°F to +122°F) Relative humidity: 10% to 90% @ +40°C, non-condensing
Certifications	CE, EN 61000-6-2, EN 61000-6-4, and FCC Class A

Ordering Information

P6121PR-DC-U-V3 (P/N: E226121114)	12.1" industrial monitor with resistive touch screen and DC version
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* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x P6121-V3 unit
1 x VGA cable
1 x USB cable for touchscreen
1 x Audio cable

Optional Accessories

509000001500	Adaptor 24V/120W, wire only
599000001100	US 1.8M power cord
59904010000E	UK 1.83M power cord
59903000000E	EU 1.83M power cord
590000012700	HDMI cable
590000020900	DisplayPort cable 2M
E29R131102	Panel mount kit
E29R131114	Wall mount kit
E226171119	Desktop stand

Dimensions

