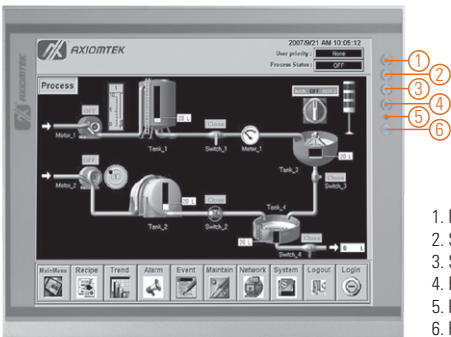# P6121

12.1" XGA TFT Industrial LCD Monitor
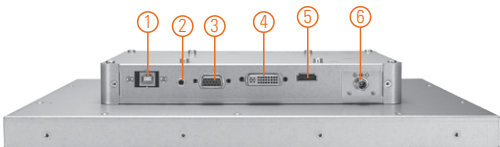
Features

- 12.1" XGA TFT LED backlight LCD
- NEMA 4/12 (IP65)-compliant flat panel monitor
- Supports panel mount, wall mount and VESA arm
- Resistive touchscreen
- Full range screw-type (locked) AC-in or 12V/24V DC-in (optional)
- HDMI, DIV-D and VGA with multi-signal inputs

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

▲ Ultra-slim mechanism design

1. RS232 or USB for touch
2. Audio (Line in)
3. VGA
4. DVI-D
5. HDMI
6. Power input Terminal block or Screw type

Introduction

The P6121 is an ultra slim industrial LCD monitor, which adopts 12.1-inch 500 nits XGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. Featuring NEMA 4/12 & IP65-rated compliant front bezel, screw-type adaptor plug design, and 24V DC-in means it is fit for all kinds of industrial environments. Moreover, the P6121 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. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.
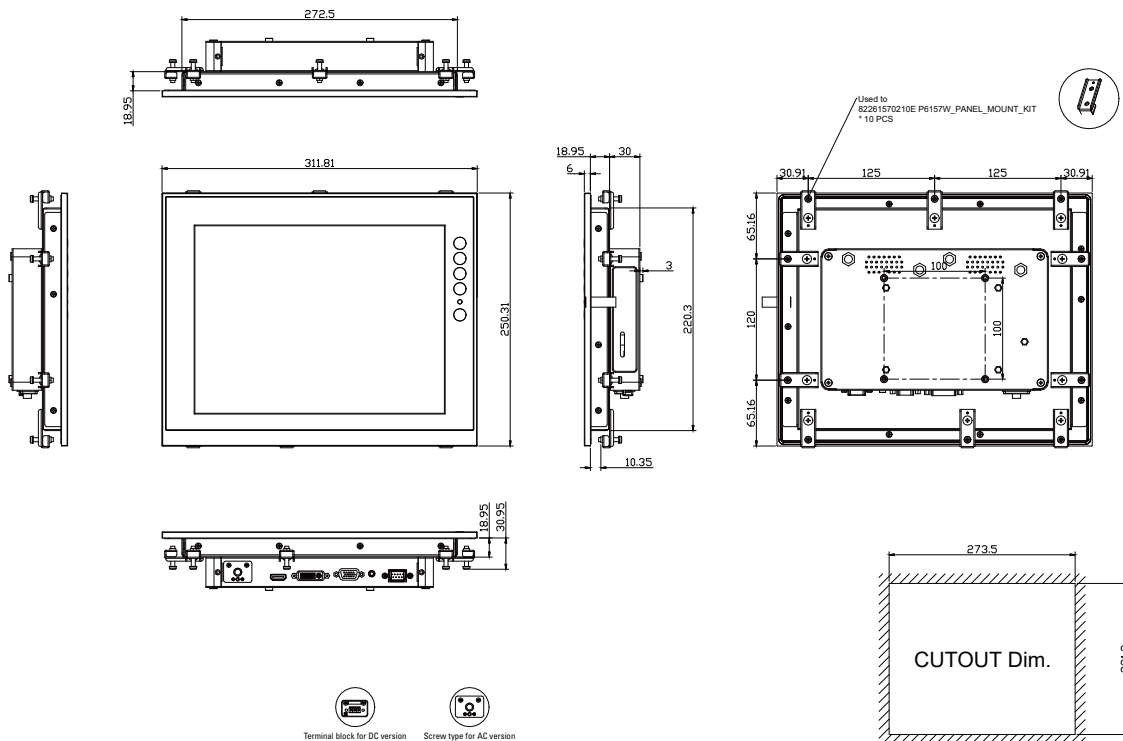
Specifications

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	12.1" XGA TFT LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.2 M
	Active Area (mm)	245.76 x 184.32
	Pixel Pitch (mm)	0.24 x 0.24
	Response Time	16ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	160°/140°
	Contrast Ratio	700 (TYP.)
	Brightness (cd/m^2)	500 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz)	

Specifications

Input Signal	DVI-D
	VGA
	HDMI
	Touchscreen: Serial RS-232 or USB interface
I/O Connectors	1 x RS-232 or USB for touchscreen version
	1 x Audio (Line in)
	1 x VGA
	1 x DVI-D
	1 x HDMI
	1 x Power input with Terminal block(DC Version)
	or Screw type connector(AC version)
Audio	2 x Speaker
Power Supply	DC version: 24VDC
	AC version: 100 - 240VAC-DC, 36W power adapter
Power Consumption	15 W

Touchscreen	Thickness	Resistive: 3.2 mm
	Light Transmission	Resistive: 80%
	Power Consumption	Resistive: +5V @ 100mA
	Touch Life	Resistive: 35 million touches
		Controller interface: RS-232 D-type
		9-pin male connector or USB

Dimensions	311.81 mm (12.28") (W) x 54.95 mm (2.16") (H) x 250.31 mm (9.85") (D)
Packing Dimensions	490 mm (19.29") (W) x 166 mm (6.53") (19.29") (H) x 502 mm (19.76") (D)
Weight (net/gross)	2.35 kg (5.18 lbs)/2.8 kg (6.17 lbs)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F)
	Relative humidity: 20% ~ 90% @ +40°C, non-condensing
Packing List	1 x VGA cable
	1 x RS-232 or USB cable for touchscreen (for touch version)
	1 x Audio cable
	1 x EU/US power cord (for AC version)
Certificate	CE

Ordering Information

Optional Accessories

5946L203800E	HDMI cable
59461713400E	DVI cable
82261210000E	Panel mount kit
82231770050E	Wall mount kit
E226171119	Desktop stand

Dimensions

272.5
18.95
311.81
250.31
18.95 30
6
3
220.3
10.35

Used to
82261570210E P6157W_PANEL_MOUNT_KIT
* 10 PCS

30.91 125 125 30.91
65.16
120 100
100
65.16

18.95 30.95

Terminal block for DC version   Screw type for AC version

273.5
221.3
CUTOUT Dim.

Industrial Touch Monitors

0 1 2 3 4 5 6 7 8 9

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