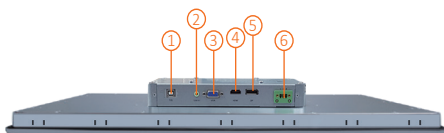


P624-C

23.8" FHD TFT Widescreen Industrial LCD Monitor



1. USB for touch
2. Audio (Line-in)
3. VGA
4. HDMI
5. DisplayPort
6. Power input with terminal block

Features

- 23.8" FHD TFT LCD with projective capacitive multi-touch
- 450 nits of brightness
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA mount
- 24 VDC power input
- Multi-signal inputs: HDMI, DisplayPort, and VGA



▲ Ultra-slim mechanism design

Introduction

The P624-C is a slim-type industrial LCD monitor with a flat front bezel design, featuring a 23.8-inch, 450-nit full HD LCD display and supporting multiple signal interfaces including DisplayPort, VGA, and HDMI. With an IP65 (NEMA 4)-rated front bezel, screw-type adaptor plug design, and 12/24V DC input, the P624-C is designed to suit various industrial environments. Additionally, it supports panel mount, wall mount, or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. Its compact mechanism design allows the P624-C to be easily deployed in space-limited areas, making it especially suitable for POI/POS systems, HMI applications, and heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and flat front bezel	
Mounting	Panel mount, wall mount and VESA mount FPMPI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	23.8" FHD TFT LCD
	Max. Resolution	1920 x 1080
	Max. Colors	16.7M
	Active Area (mm)	527.04 (H) x 296.46 (V)
	Pixel Pitch (um)	274.5 x 274.5
	Response Time	15ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	178°/178°
	Contrast Ratio	1000 (TYP.)
Brightness (cd/m ²)	450 nits	
Display Control	OSD (on screen display)	
Input Signal	VGA	
	HDMI	
	DisplayPort	
	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 Supply	24VDC
Power Consumption	36W
Touchscreen	Projective capacitive multi-touch
Dimensions	588 mm (23.15") (W) x 53.4 mm (2.2") (D) x 369.6 mm (14.55") (H)
Packing Dimensions	723 mm (28.46") (W) x 238 mm (9.37") (D) x 581 mm (22.87") (H)
Weight (net/gross)	7.23 kg (15.93 lb)/ 10.82 kg (23.85 lb)
Operating Temperature	-10°C to +50°C (+14°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

P624

P624-C-DC (P/N: E226624101)	23.8" industrial monitor with capacitive touch screen
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* Other configuration by request

* Specification and certifications may vary based on different requirements

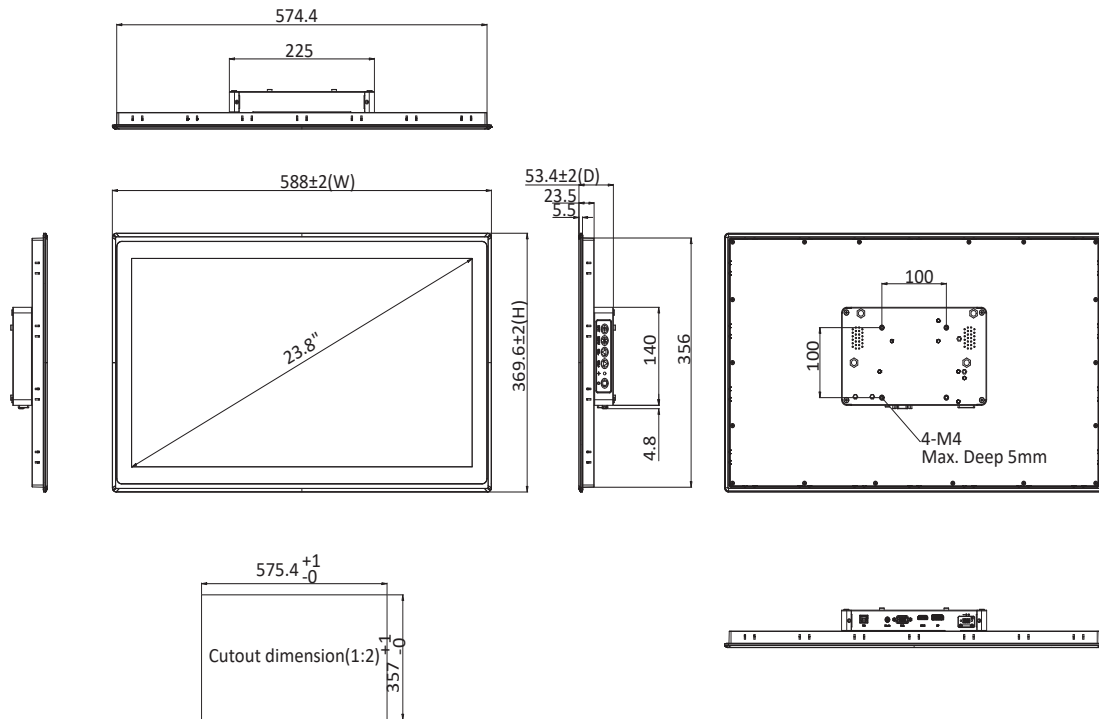
Packing List

1 x P624-C unit
1 x VGA cable
1 x USB cable for touch
1 x Audio cable
1 x 3-pin terminal block
1 x Panel mount kit

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
E29R131114	Wall mount kit
E29R131111	Panel mount kit set
E221177116	Desktop stand

Dimensions



Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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