

# P6187W-V3

18.5" WXGA TFT Widescreen Industrial LCD Monitor



- 1. USB touch interface
- 2. Audio (Line-in)
- 3. VGA
- 4. HDMI
- 5. DisplayPort
- 6. 24 VDC power input

## Features

- 18.5" WXGA TFT LCD with 450 nits of brightness
- Projective capacitive multi-touch
- 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 P6187W-V3 is a slim-type industrial LCD monitor with a flat front bezel design, featuring an 18.5-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 and 24VDC power input, the P6187W-V3 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 P6187W-V3 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 arm FPMPI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	18.5" WXGA TFT LCD
	Max. Resolution	1366 x 768
	Max. Colors	16.7M
	Active Area (mm)	409.8 x 230.4
	Pixel Pitch (um)	300 x 300
	Response Time	5ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	170°/160°
	Contrast Ratio	1000 (TYP.)
Brightness (cd/m <sup>2</sup> )	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	DC Version: 24VDC
Power Consumption	21W
Touchscreen	Projective capacitive multi-touch
Dimensions	460 mm (18.11") (W) x 53.2 mm (2.09") (D) x 285 mm (11.22") (H)
Packing Dimensions	605 mm (23.81") (W) x 200 mm (7.87") (D) x 505 mm (19.88") (H)
Weight (net/gross)	7.56 kg (16.67 lb)/ 8.92 kg (19.67 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

### P6187W

P6187WPC-DC-U-V3 (P/N: E226187111)	18.5" industrial monitor with capacitive touch screen and DC version
---------------------------------------	--

\* Other configuration by request

\* Specification and certifications may vary based on different requirements

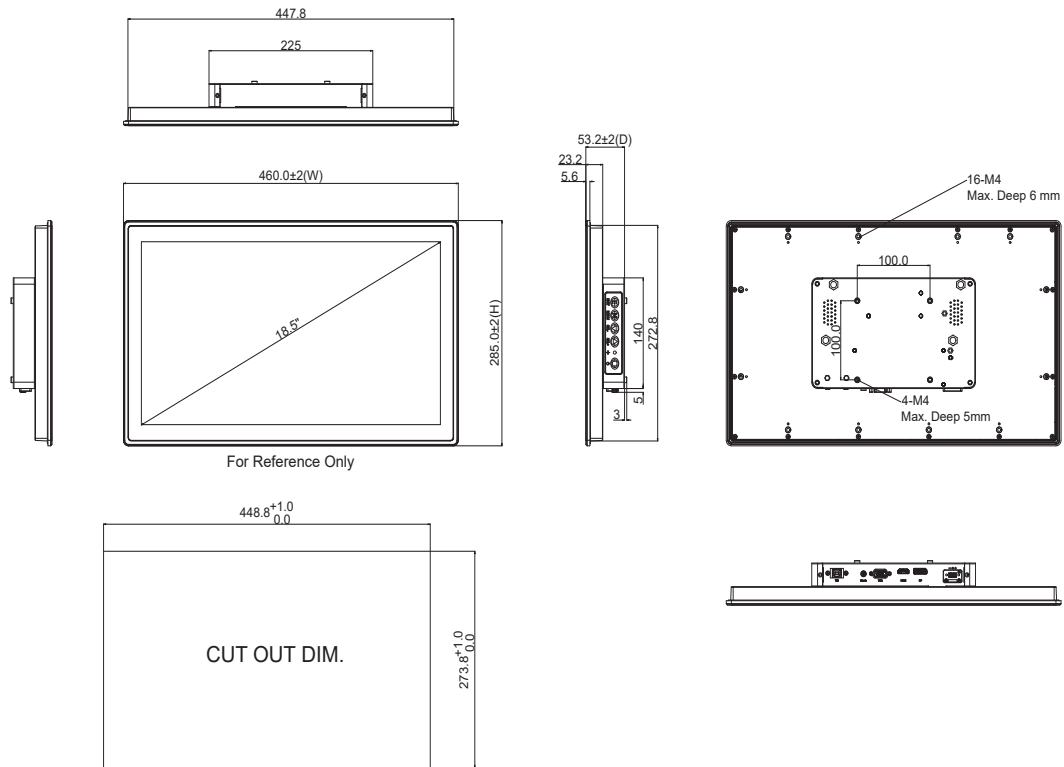
## Packing List

1 x P6187W-V3 unit
1 x VGA cable
1 x USB cable for touch
1 x Audio cable
1 x 3-pin Terminal block (DC version only)

## 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
E29R131107	Panel mount kit
E29R131114	Wall mount kit
E221177116	Desktop stand for 15.6" to 21.5"

## 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.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660