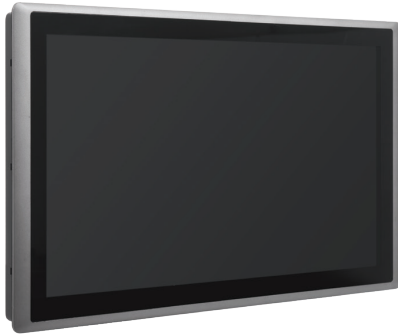


# CV-W121

21.5" TFT Full HD 16:9 Display Module with Resistive 5-wire Touch / Projected Capacitive Touch / Glass Only



- 21.5" TFT Full HD 16:9 LCD with Resistive 5-wire Touch, P-Cap. Touch, or Glass Only
- 50,000 hrs LED Backlight Life
- Resolution up to 1920 x 1080 (Full HD)
- 300 nits Brightness
- Designed with Aluminum Die-cast Front Frame
- IP65 Compliant Front Panel
- Convertible Display System (CDS) Supported

## Overview

CV-W121 is 21.5" wide screen LCD display module with resistive 5-wire touch, projected capacitive touch screen, or glass only. It offers resolution up to 1920 x 1080 (Full HD) and 300 nits brightness. CV-W121 features flat surface and IP65 dust/waterproof front panel. In addition, designed with aluminum die-cast front frame, it is rugged and reliable for industrial environment. With support for Convertible Display System (CDS) technology, CV-W121 allows you to configure, upgrade and maintain your Convertible Display System easily.

## Specifications

### Display

- LCD Size: 21.5" (16:9)
- Max. Resolution: 1920 x 1080
- Brightness (cd/m2): 300
- Contrast Ratio: 5000 : 1
- LCD Color: 16.7M
- Pixel Pitch (mm): 0.24825 (H) x 0.24825 (V)
- Viewing Angle (H-V): 178 / 178
- Backlight MTBF: 50,000 hrs (LED Backlight)

### Touch

- Resistive 5-wire Touch for CV-W121R Only
- Projected Capacitive Touch for CV-W121C Only

### Environment

- Operating Temperature: Ambient with Air Flow: 0°C to 60°C (with Industrial Grade Peripherals)
- Storage Temperature: -20°C to 60°C
- Relative Humidity:
  - CV-W121R/CVW121C: 80% RH @ 40°C (non-condensing)
  - CV-W121G: 90% RH @ 40°C (non-condensing)
- IP Level: IP65 Compliant Front Panel

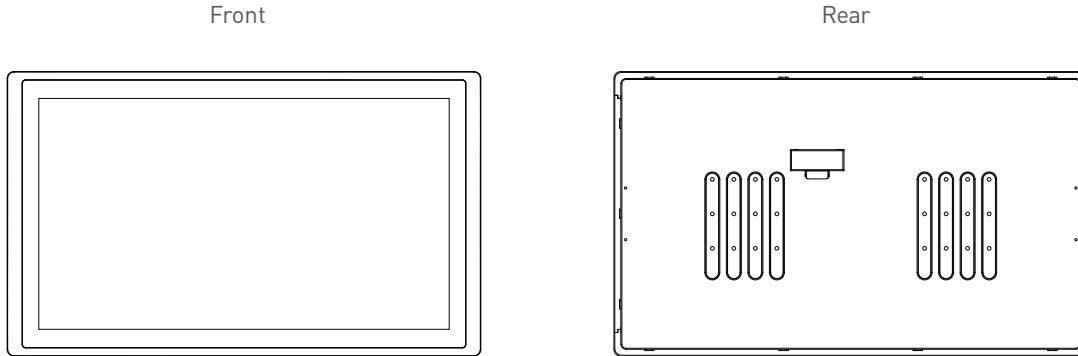
### Physical

- Dimension (WxDxH, mm): 550 x 330.5 x 63.2 mm
- Weight: 5.56 kg
- Construction Front Panel: Die-cast Flat Surface

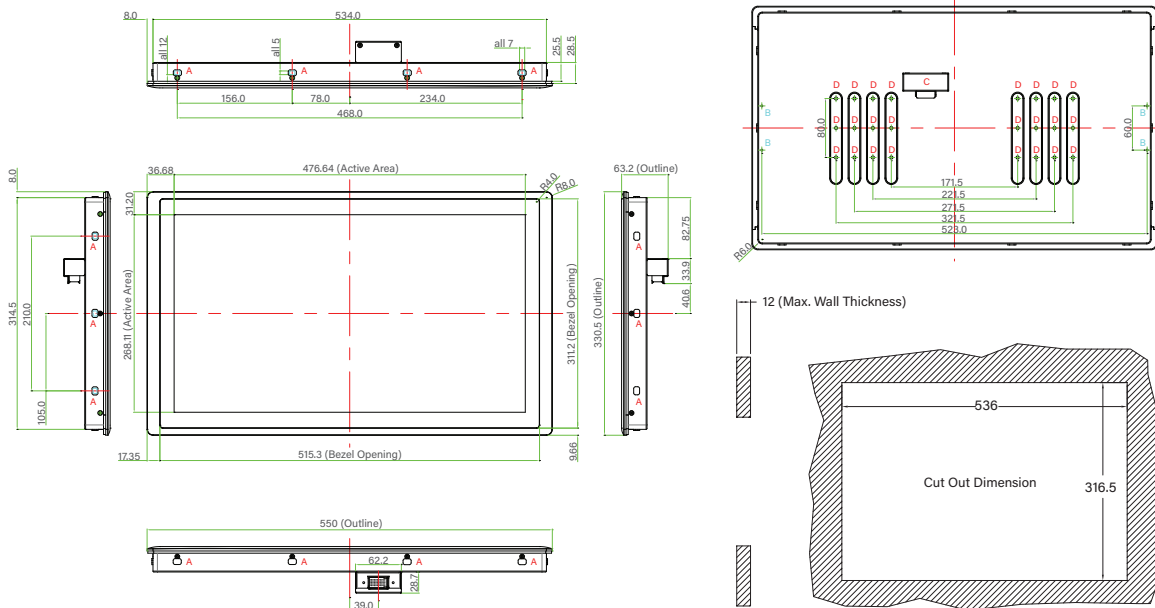
### Certification

- CE
- FCC Class A

**External Layout**



**Dimensions**



Unit: mm

**Ordering Information**

**Available Models**

Model No.	Description
CV-W121R-R10	21.5" TFT Full HD 16:9 Display Module with <b>Resistive 5-wire Touch</b>
CV-W121C-R10	21.5" TFT Full HD 16:9 Display Module with <b>Projected Capacitive Touch</b>
CV-W121G-R10	21.5" TFT Full HD 16:9 Display Module <b>without Touch</b>

**Package Checklist**

- CV-W121 Display Module x 1
- Panel Mounting Kit x 1

Updated: Mar 9, 2021.

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## 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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