

CV-W121 Series

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



CONVERTIBLE DISPLAY MODULE

| CV-100 Series |

Overview

[CONTACT](#)

CV-W121 Series 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 Series 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 Series allows you to configure, upgrade and maintain your Convertible Display System easily.

Key Features

- 21.5" TFT Full HD 16:9 LCD with Resistive 5-wire Touch / Project Capacitive Touch / 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
- IP 65 Compliant Front Panel
- Convertible Display System (CDS) Supported
- Safety: UL, cUL, CB, IEC, EN 62368-1

Certifications

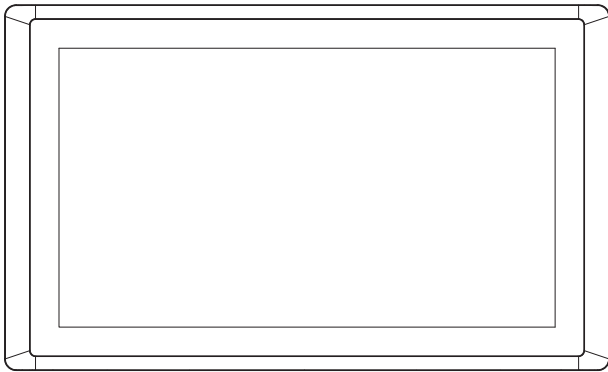


CV-W121 Series Specifications

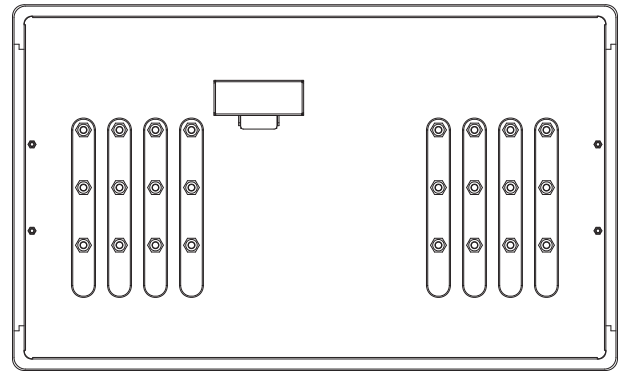
Model Name	CV-W121R	CV-W121C	CV-W121G
Display			
LCD Size	• 21.5" (16:9)		
Max. Resolution	• 1920 x 1080		
Brightness (cd/m2)	• 300		
Contrast Ratio	• 5000 : 1		
LCD Color	• 16.7M		
Pixel Pitch (mm)	• 0.24825 (H) x 0.24825 (V)		
Viewing Angle (H-V)	• 178 / 178		
Backlight MTBF	• 50,000 hrs (LED Backlight)		
Touch Screen			
Touch Type	• Resistive 5-wire	• Projected Capacitive	• Glass Screen
Physical			
Dimension (W x D x H)	• 550 x 330.5 x 63.2mm		
Weight Information	• 5.56 kg		
Mechanical Construction	• Die-Casting Flat Surface		
Environment			
Front Panel Protection	• IP 65 Compliant		
Operating Temperature	• 0°C to 60°C (with Industrial Grade peripherals; Ambient with air flow)		
Storage Temperature	• -20°C to 60°C		
Relative Humidity	• 80% RH @ 50°C (Non-condensing)		
EMC	• CE, UKCA, FCC, ICES-003 Class A		
EMI	<ul style="list-style-type: none"> • CISPR 32 Conducted & Radiated: Class A • EN/BS EN 55032 Conducted & Radiated: Class A • EN/BS EN IEC 61000-3-2 Harmonic current emissions: Class A • EN/BS EN61000-3-3 Voltage fluctuations & flicker • FCC 47 CFR Part 15B, ICES-003 Conducted & Radiated: Class A 		
EMS	<ul style="list-style-type: none"> • EN/IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV • EN/IEC 61000-4-3 RS: 80 MHz to 1000 MHz: 3 V/m • EN/IEC 61000-4-4 EFT: AC Power: 1 kV; DC Power: 0.5 kV; Signal: 0.5 kV • EN/IEC 61000-4-5 Surges: AC Power: 2 kV; Signal: 1 kV • EN/IEC 61000-4-6 CS: 3V • EN/IEC 61000-4-8 PFMF: 50 Hz, 1A/m • EN/IEC 61000-4-11 Voltage Dips & Voltage Interruptions: 0.5 cycles at 50 Hz 		
Safety	• UL, cUL, CB, IEC, EN 62368-1		

External Layout

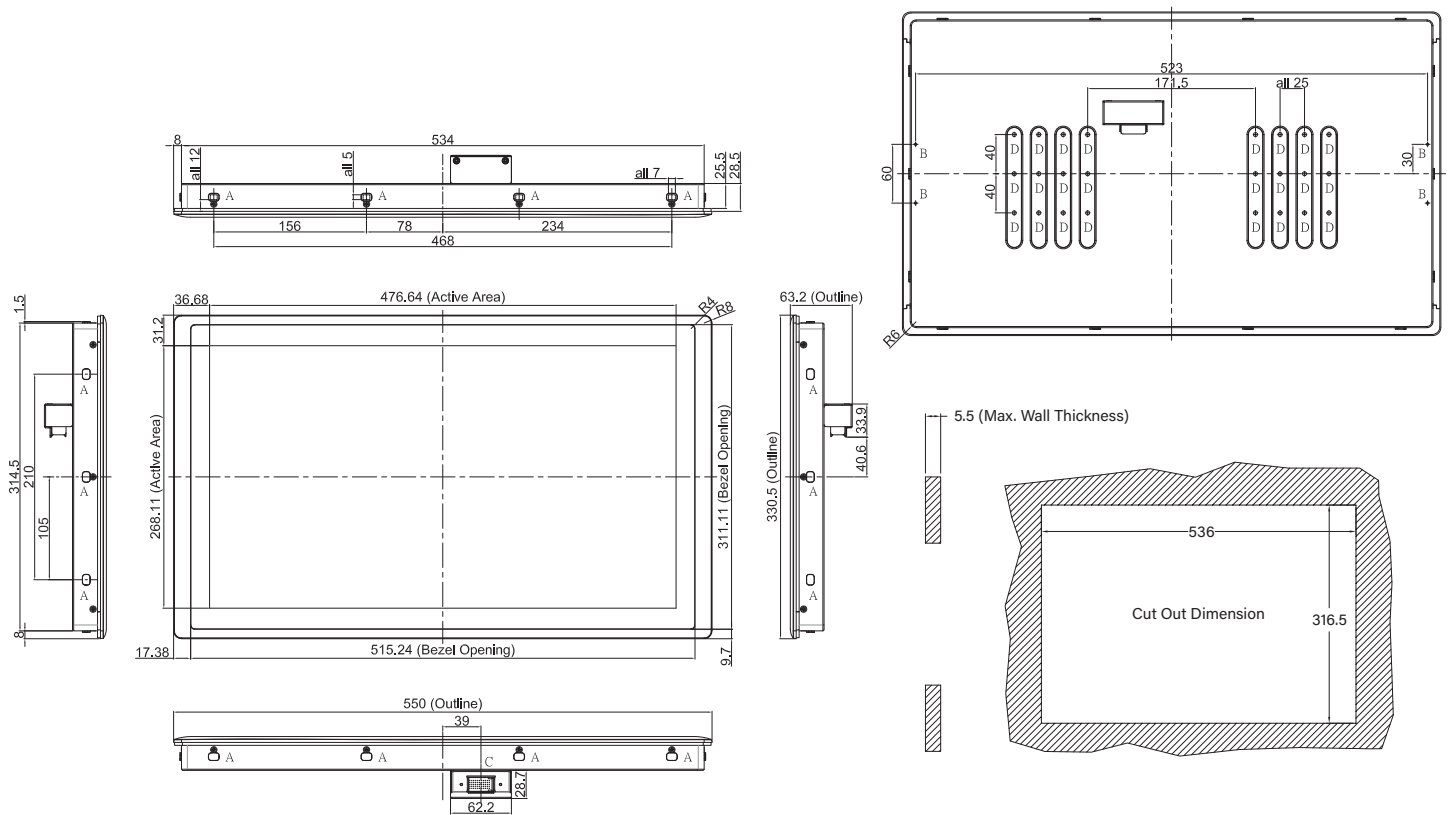
Front



Rear



Dimensions



Unit: mm

Ordering Information

Available Models

Model No.	Description
CV-W121R-R10	21.5" TFT Full HD 16:9 Display Module with Resistive 5-wire Touch
CV-W121C-R11	21.5" TFT Full HD 16:9 Display Module with Projected Capacitive Touch
CV-W121G-R10	21.5" TFT Full HD 16:9 Display Module without Touch

Package Checklist

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