

# CS-W121

21.5" TFT-LCD Sunlight Readable Display Module with Projected Capacitive Touch



## SUNLIGHT READABLE DISPLAY MODULE

| CS-100 Series |

### Overview

 CONTACT

CS-W121 is 21.5" wide screen TFT-LCD display module with projected capacitive touch screen. It offers resolution up to 1920 x 1080 (Full HD) and 1,000 nits brightness. CS-W121 features flat surface and IP65 dust/waterproof front panel. In addition, designed with Rugged Aluminum Die-casting Front Bezel, it is rugged and reliable for industrial environment. With support for Convertible Display System (CDS) technology, CS-W121 allows you to configure, upgrade and maintain your Convertible Display System easily.

### Key Features

- 21.5" TFT-LCD with Projected Capacitive Touch
- Ultra High Brightness up to 1,000 nits
- Resolution up to 800 x 600 (SVGA)
- 50,000 hrs LED Backlight Life
- Wide Range Operating Temperature
- IP 65 Front Panel Protection
- Flat Rugged Aluminum Die-casting Bezel
- Convertible Display System (CDS) Technology Supported
- Safety: UL, cUL, CB, IEC, EN 62368-1

### Certifications

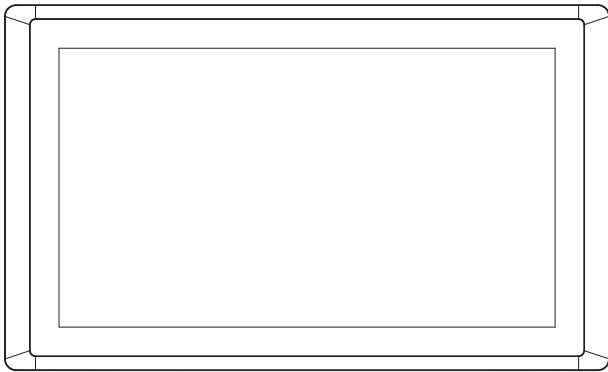


## Specifications

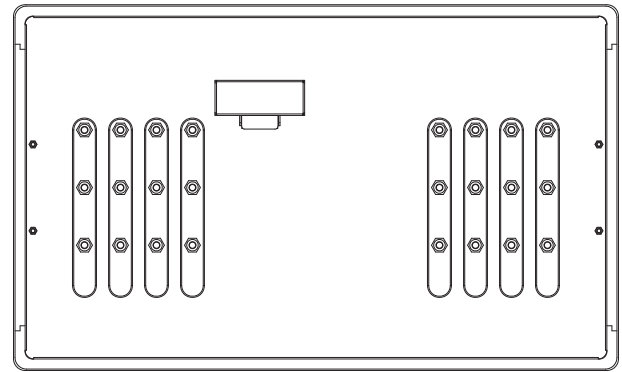
Model Name	CS-W121
<b>Display</b>	
LCD Size	• 21.5" (16:9)
Max. Resolution	• 1920 x 1080 (Full HD)
Brightness (cd/m2)	• 1000
Contrast Ratio	• 5000 : 1
LCD Color	• 16.7M
Pixel Pitch (mm)	• 0.24825 (H) x 0.24825 (V)
Viewing Angle (H-V)	• 178 / 178
Backlight LED Life Time	• 50,000 hrs (LED Backlight)
<b>Touch Screen</b>	
Touch Type	• Projected Capacitive
<b>Physical</b>	
Dimension ( W x D x H )	• 550 x 330.5 x 63.2mm
Weight Information	• 5.56 kg
Mechanical Construction	• Flat Rugged Aluminum Die-casting Bezel
<b>Power</b>	
Power Consumption	• 31.25W (Max.)
<b>Environment</b>	
Front Panel Protection	• IP 65 Compliant
Operating Temperature	• 0°C to 80°C (With Industrial Grade Peripherals; Ambient with air flow)
Storage Temperature	• -20°C to 80°C
Relative Humidity	• 90% RH @ 40°C (Non-condensing)
EMC	• CE, UKCA, FCC, ICES-003 Class A
EMI	<ul style="list-style-type: none"> <li>• CISPR 32 Conducted &amp; Radiated: Class A</li> <li>• EN/BS EN 55032 Conducted &amp; Radiated: Class A</li> <li>• EN/BS EN IEC 61000-3-2 Harmonic current emissions: Class A</li> <li>• EN/BS EN61000-3-3 Voltage fluctuations &amp; flicker</li> <li>• FCC 47 CFR Part 15B, ICES-003 Conducted &amp; Radiated: Class A</li> </ul>
EMS	<ul style="list-style-type: none"> <li>• EN/IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV</li> <li>• EN/IEC 61000-4-3 RS: 80 MHz to 1000 MHz: 3 V/m</li> <li>• EN/IEC 61000-4-4 EFT: AC Power: 1 kV; DC Power: 0.5 kV; Signal: 0.5 kV</li> <li>• EN/IEC 61000-4-5 Surges: AC Power: 2 kV; Signal: 1 kV</li> <li>• EN/IEC 61000-4-6 CS: 3V</li> <li>• EN/IEC 61000-4-8 PFMF: 50 Hz, 1A/m</li> <li>• EN/IEC 61000-4-11 Voltage Dips &amp; Voltage Interruptions: 0.5 cycles at 50 Hz</li> </ul>
Safety	• UL, cUL, CB, IEC, EN 62368-1

**External Layout**

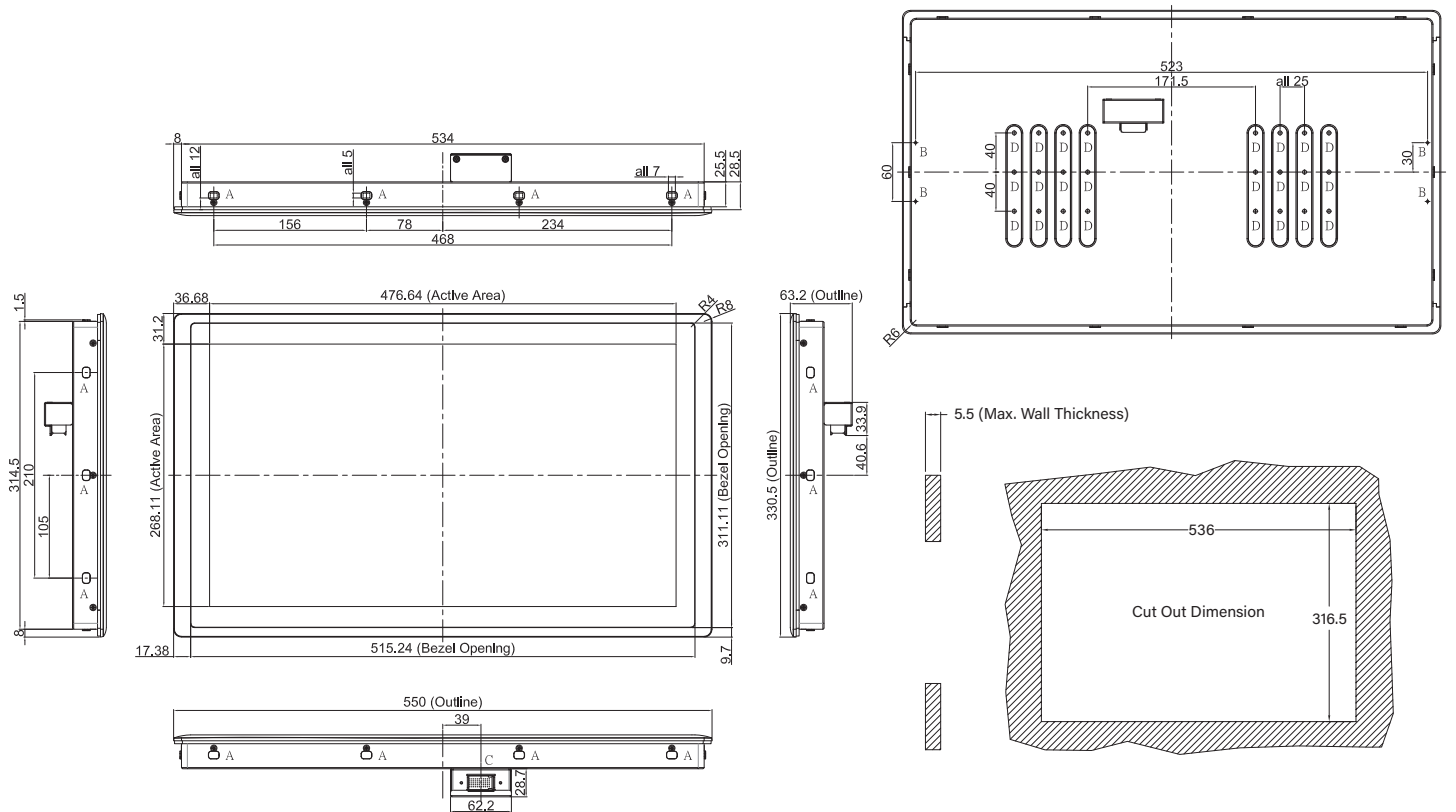
Front



Rear



**Dimensions**



## Ordering Information

### Available Models

Model No.	Description
CS-W121C-R10	21.5" TFT-LCD 1000 nits Full HD 16:9 Display Module with Projected Capacitive Touch

### Package Checklist

- CS-W121C Display Module x 1
- Panel Mounting Kit x 1