

CS-W121C/M1001

21.5" TFT-LCD Sunlight Readable Touch Monitor



- 21.5" TFT-LCD with Ultra High Brightness up to 1,000 nits and 1920 x 1080 Resolution
- Designed with Aluminum Die-casting Front Frame
- True Flat IP65 Front Panel Protection
- Supports Panel / VESA / Rack Mounting
- Wide Range Power Input 9~48VDC
- Convertible Display System (CDS) Technology Supported



Overview

CS-W121C/M1001 Series is a 21.5" TFT-LCD sunlight readable touch monitor offering 1,000 nits ultra high brightness and 1920 x 1080 resolution. It supports both digital and analog signal input via three types of display interface, including VGA, DVI-D and DisplayPort. CS-W121C/M1001 Series supports Convertible Display System (CDS) technology which allows you to configure, upgrade and maintain your display system according to your need. In addition, it has OSD function for adjusting the viewing options of display.

Featuring wide range operating temperature (0°C to 60°C), IP65 dust/water proof front panel and wide range DC power input (9 to 48VDC), CS-W121C/M1001 Series is a rugged and reliable display solution for outdoor applications, such as heavy-duty lifting & moving equipment, e-toll collection system, car-sharing system and outdoor kiosk.

Specifications

Display

LCD Size	• 21.5" (16:9)
Max. Resolution	• 1920x1080 (Full HD)
Brightness (cd/m2)	• 1,000
Contrast Ratio	• 5,000:1
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

Projected Capacitive	V
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Audio

Audio	• 1x Audio Input
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External I/O Interface

VGA	• 1x VGA Input
DP	• 1x DisplayPort Input
DVI	• 1x DVI-D Input
USB	• 1x USB 2.0 (for Projected Capacitive Touch)
COM	• 1x COM Port (reserved for Resistive Touch)

Other Function

Internal Speaker	• AMP 5W + 5W
OSD Function	• LCD On/Off, Auto, Menu, Up and Down • Multi-language OSD Function

Power

Power Input	• 9 - 48VDC, 3-pin Terminal Block
Power Adapter (Optional)	• Optional AC/DC 12V/5A, 60W

Physical

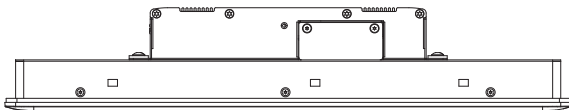
Dimension (W x H x D)	• 550 x 330.5 x 73mm
Weight Information	• 6.68 Kg
Front Panel Construction	• Die-Casting Flat Surface
Mounting	• Panel / VESA / *Rack Mounting (*with optional mounting kit)
Physical Design	• Fanless Design

Environment

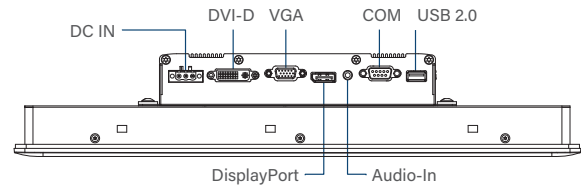
Operating Temperature	• Ambient with air flow: 0°C to 60°C (with Industrial Grade Peripherals)
Storage Temperature	• -20°C to 70°C
Relative Humidity	• 90% RH @ 39°C (Non-condensing)
EMC	• CE, FCC, ICES-003 Class A
IP Level	• IP65 Compliant Front Panel

External Layout

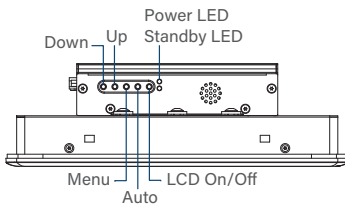
Front



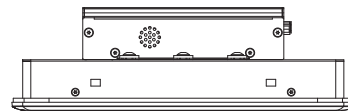
Rear



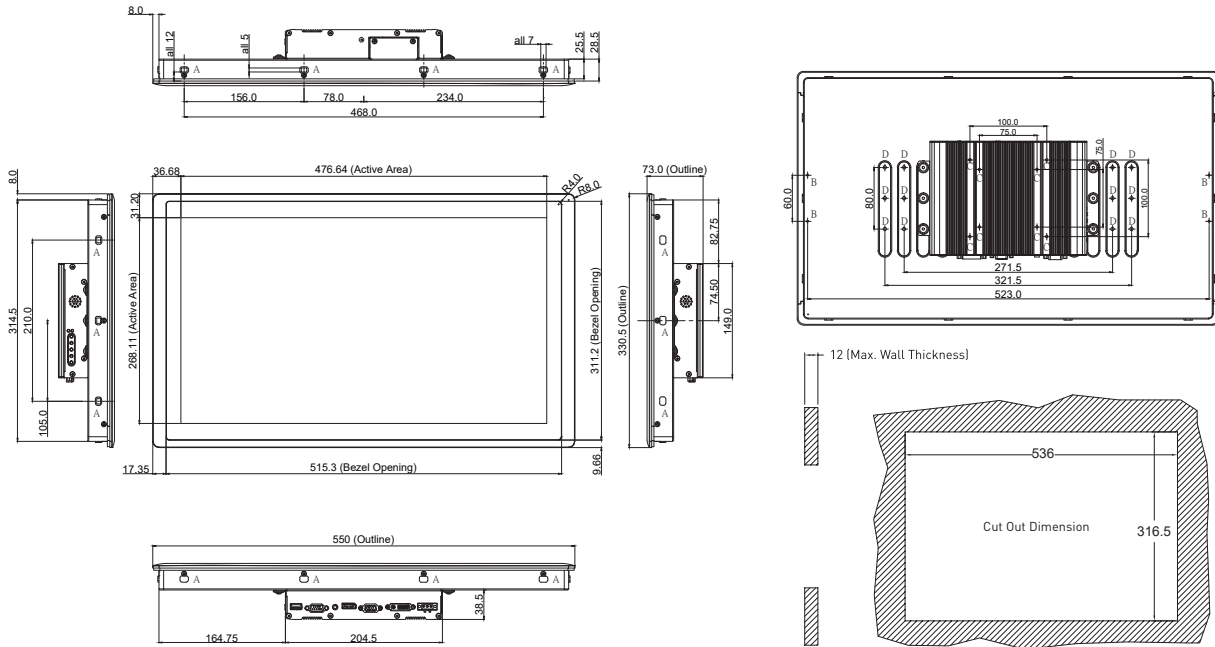
Left



Right



Dimensions



Unit: mm

Ordering Information

Available Models

Model No.	Description
CS-W121C-R10/M1001-R12	21.5" TFT-LCD Full HD 16:9 Display Module with Projected Capacitive Touch, 1x USB, 1x COM, 1x VGA, 1x DVI-D and 1x DisplayPort, 9V~48V

Package Checklist

• CS-W121C/M1001 Touch Monitor x 1	• USB Cable x 1
• Panel Mounting Kit x 1	• VGA Cable x 1
• Utility DVD Driver x 1	• Screw Pack x 1
• Power Terminal Block Connector x 1	

Optional Modules

Model No.	Description
URM01	Universal 19" Rack Mount Kit for Industrial Panel PC & Industrial Monitor

Optional Accessories

Model No.	Description
GST60A12-CIN1	Adapter AC/DC 12V 5A 60W, GST60A12-CIN1, wide temp(-30°C ~ +70°C)

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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