

# CV-W121/M1001

21.5" TFT Full HD 16:9 Touch Monitor with 1x USB, 1x COM, 1x VGA, 1x DVI-D and 1x DisplayPort, 9V~48V



## Key Features

- 21.5" TFT Full HD 16:9 LCD with Resistive 5-wire / Projected Capacitive Touch
- Designed with Aluminum Die-Cast Front Frame
- IP65 Compliant Front Panel
- 1x USB, 1x COM, 1x VGA, 1x DVI-D, 1x DisplayPort, 1x Audio
- Built-in Two 5W Internal Speakers
- Convertible Display System (CDS) Supported
- Support Panel / Wall / Arm / VESA Mounting

## »» Overview

The 21.5" (16:9) touch monitor with resistive 5-wire / projected capacitive touch screen offers resolution up to 1920 x 1080 (Full HD) and 300 nits brightness. CV-W121/M1001 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. CV-W121/M1001 supports Convertible Display System (CDS) which allows to configure, upgrade and maintain your touch monitor easily.

CV-W121/M1001 supports both digital and analog signal input via three types of display interface: VGA, DVI-D and DisplayPort. Touch screen can be connected with USB or COM port. It has OSD function for adjusting the viewing options of display. With support to wide range power input from 9~48VDC, CV-W121/M1001 is designed as an ideal solution for industrial application.

## »» Specifications

### Display

- LCD Size: 21.5" (16:9)
- Max. Resolution: 1920 x 1080
- Brightness (cd/m<sup>2</sup>): 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/M1001 Only
- Projected Capacitive Touch for CV-W121C/M1001 Only

### I/O Ports

- 1x VGA
- 1x DVI-D
- 1x DisplayPort
- 1x Audio Input
- 1x USB 2.0
- 1x COM Port (Resistive Touch Only)

(USB & COM Port are reserved for the connection to enable touch usage only)

### Other Features

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

**Power**

- 1x 3-pin Terminal Block Connector with Power Input 9~48VDC
- 1x Optional AC/DC 12V/5A, 60W Power Adapter

**Environment**

- Operating Temperature: Ambient with air flow: 0°C to 60°C  
(With extended temperature peripherals; Ambient with air flow According to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
- Storage Temperature: -20°C to 60°C
- Relative humidity: 80% RH @ 50°C (Non-Condensing)
- IP Level: IP65 Compliant Front Panel

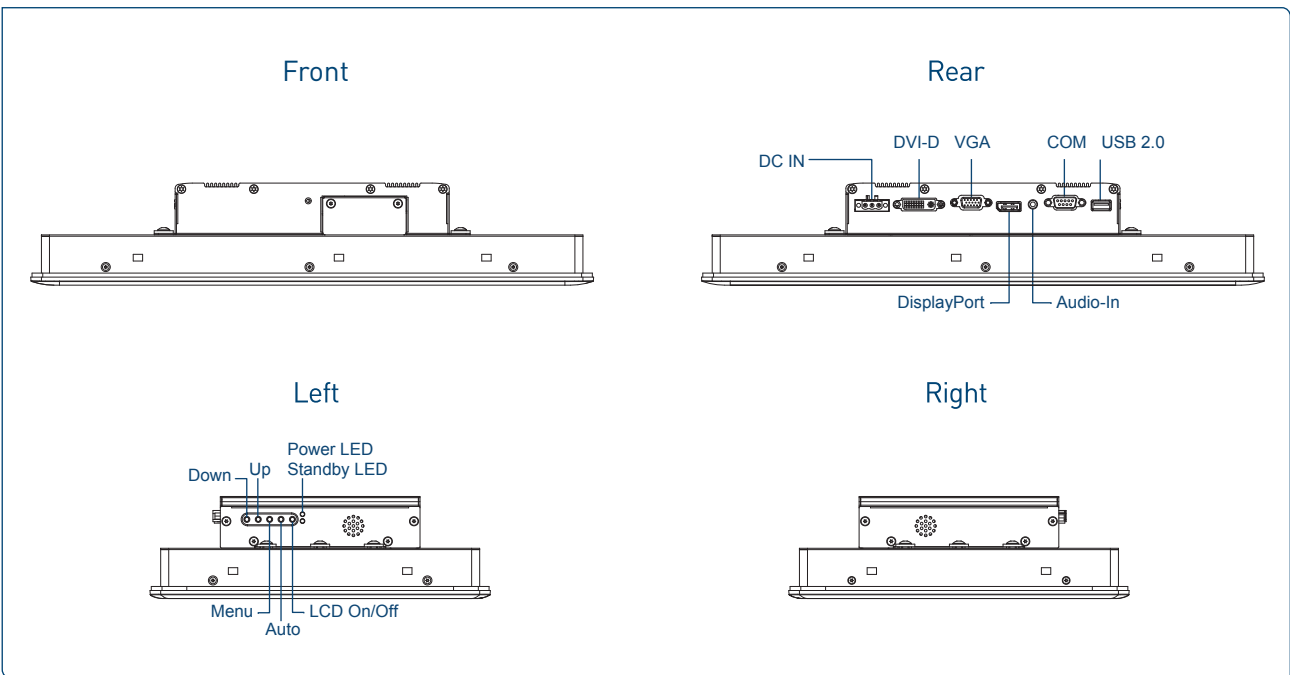
**Physical**

- Dimension (WxHxD): 550 x 330.5 x 73 mm
- Weight: 6.68 kg
- Construction Front Panel: Die-Cast Flat Surface
- Mounting: Panel / Wall / VESA / Rack Mounting

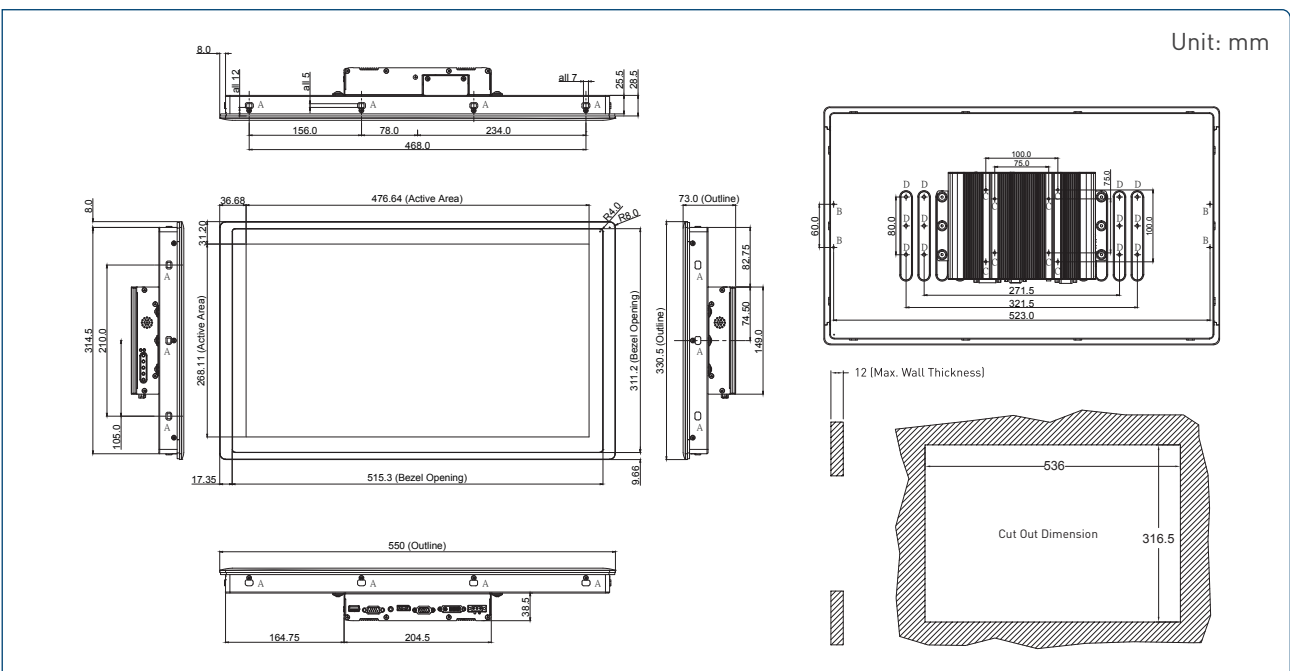
**Certification**

- CE
- FCC Class A

»» Mechanical Layout



»» Dimensions



## »» Ordering Information

### Available Models

Model No.	Product Description
<b>CV-W121R/M1001</b>	21.5" TFT Full HD 16:9 Display Module with Resistive 5-wire Touch, 1x USB, 1x COM, 1x VGA, 1x DVI-D and 1x DisplayPort, 9V~48VyPort
<b>CV-W121C/M1001</b>	21.5" TFT Full HD 16:9 Display Module with Projected Capacitive Touch, 1x USB, 1x COM, 1x VGA, 1x DVI-D and 1x DisplayPort, 9V~48V
<b>CV-W121G/M1001</b>	21.5" TFT Full HD 16:9 Display Module with Glass, 1x USB, 1x COM, 1x VGA, 1x DVI-D and 1x DisplayPort, 9V~48V

### Package Checklist

#### CV-W121/M1001

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

### Optional Accessories

Model No.	Description
<b>GST60A12-CIN</b>	Adapter AC/DC 12V 5A 60W with 3pin Terminal Block Plug 5.0mm Pitch, with TUBES, Level VI
<b>DVI-D Cable</b>	DVI-D male to DVI-D male Cable 1.8M
<b>SL2-SL3</b>	US 2 heads power cord, US B type to IEC C13, SVT 18AWG/3C Black 1.8M SL-2+SL-3
<b>SL6-SL3</b>	EU 2 heads power cord, EU G type to IEC C13, H05VV-F 0.75mm2/3G Black 1.8M SL-6+SL-3
<b>QP026-SL3</b>	UK 2 heads power cord, UK I type to IEC C13 ,H05VV-F 0.75mm2/3G Black 1.8M QP026+SL-3
<b>URM01</b>	Universal 19" Rack Mount Kit for Industrial Panel PC & Industrial Monitor