

# CV-W124 Series

24" 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-W124 Series is 24" wide screen LCD display module with resistive 5-wire touch, projected capacitive touch, or glass only. It offers resolution up to 1920 x 1080 (Full HD) and 300 nits brightness. CV-W124 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-W124 Series allows you to configure, upgrade and maintain your Convertible Display System easily.

### Key Features

- 24" TFT Full HD 16:9 LCD with Resistive 5-wire Touch / Projected 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



Specifications

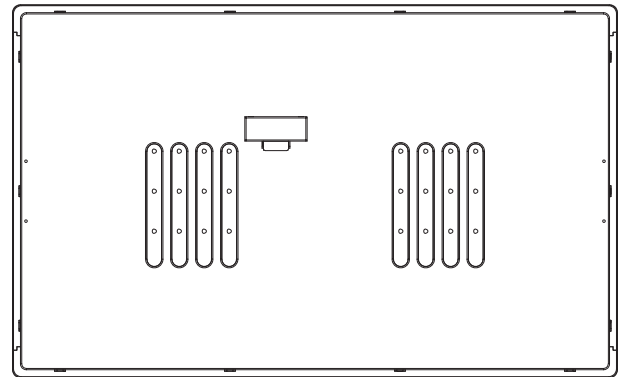
| Model Name              | CV-W124R  | CV-W124C  | CV-W124G       |
|-------------------------|---|---|----------------|
| Display                 |   |   |                |
| LCD Size                | ▪ 24" (16:9)  |   |                |
| Max. Resolution         | ▪ 1920 x 1080   |   |                |
| Brightness (cd/m2)      | ▪ 300   |   |                |
| Contrast Ratio          | ▪ 5000 : 1  |   |                |
| LCD Color               | ▪ 16.7M   |   |                |
| Pixel Pitch (mm)        | ▪ 0.27675 (H) x 0.27675 (V)   |   |                |
| Viewing Angle (H-V)     | ▪ 178 / 178   |   |                |
| Backlight LED Life Time | ▪ 50,000 hrs (LED Backlight)  |   |                |
| Touch Screen            |   |   |                |
| Touch Type              | ▪ Resistive 5-wire  | ▪ Projected Capacitive  | ▪ Glass Screen |
| Physical                |   |   |                |
| Dimension ( W x D x H ) | ▪ 605 x 373 x 63.2 mm   |   |                |
| Weight Information      | ▪ 6.92 kg   | ▪ 6.64 kg   |                |
| Mechanical Construction | ▪ Die-Casting Flat Surface  |   |                |
| Power                   |   |   |                |
| Power Consumption       | ▪ 23.8W (Max.)  | ▪ 23.75W (Max.)   | ▪ 23.3W (Max.) |
| Environment             |   |   |                |
| Front Panel Protection  | ▪ IP 65 Compliant   |   |                |
| Operating Temperature   | ▪ Ambient with Air flow: -20°C to 70°C (with Industrial Grade Peripherals)  |   |                |
| Storage Temperature     | ▪ -30°C to 80°C   |   |                |
| Relative Humidity       | ▪ 80% RH @ 50°C (Non-condensing)  |   |                |
| Vibration               |   | ▪ Operating, 1 Grms, 10-500 Hz, 3 Axes (w/P2012E only, according to IEC60068-2-6) |                |
| EMC                     | ▪ CE, UKCA, FCC, ICES-003 Class A   |   |                |
| EMI                     | ▪ CISPR 32 Conducted & Radiated: Class A<br>▪ EN/BS EN 55032 Conducted & Radiated: Class A<br>▪ EN/BS EN IEC 61000-3-2 Harmonic current emissions: Class A<br>▪ EN/BS EN61000-3-3 Voltage fluctuations & flicker<br>▪ FCC 47 CFR Part 15B, ICES-003 Conducted & Radiated: Class A   |   |                |
| EMS                     | ▪ EN/IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV<br>▪ EN/IEC 61000-4-3 RS: 80 MHz to 1000 MHz: 3 V/m<br>▪ EN/IEC 61000-4-4 EFT: AC Power: 1 kV; DC Power: 0.5 kV; Signal: 0.5 kV<br>▪ EN/IEC 61000-4-5 Surges: AC Power: 2 kV; Signal: 1 kV<br>▪ EN/IEC 61000-4-6 CS: 3V<br>▪ EN/IEC 61000-4-8 PFMF: 50 Hz, 1A/m<br>▪ 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

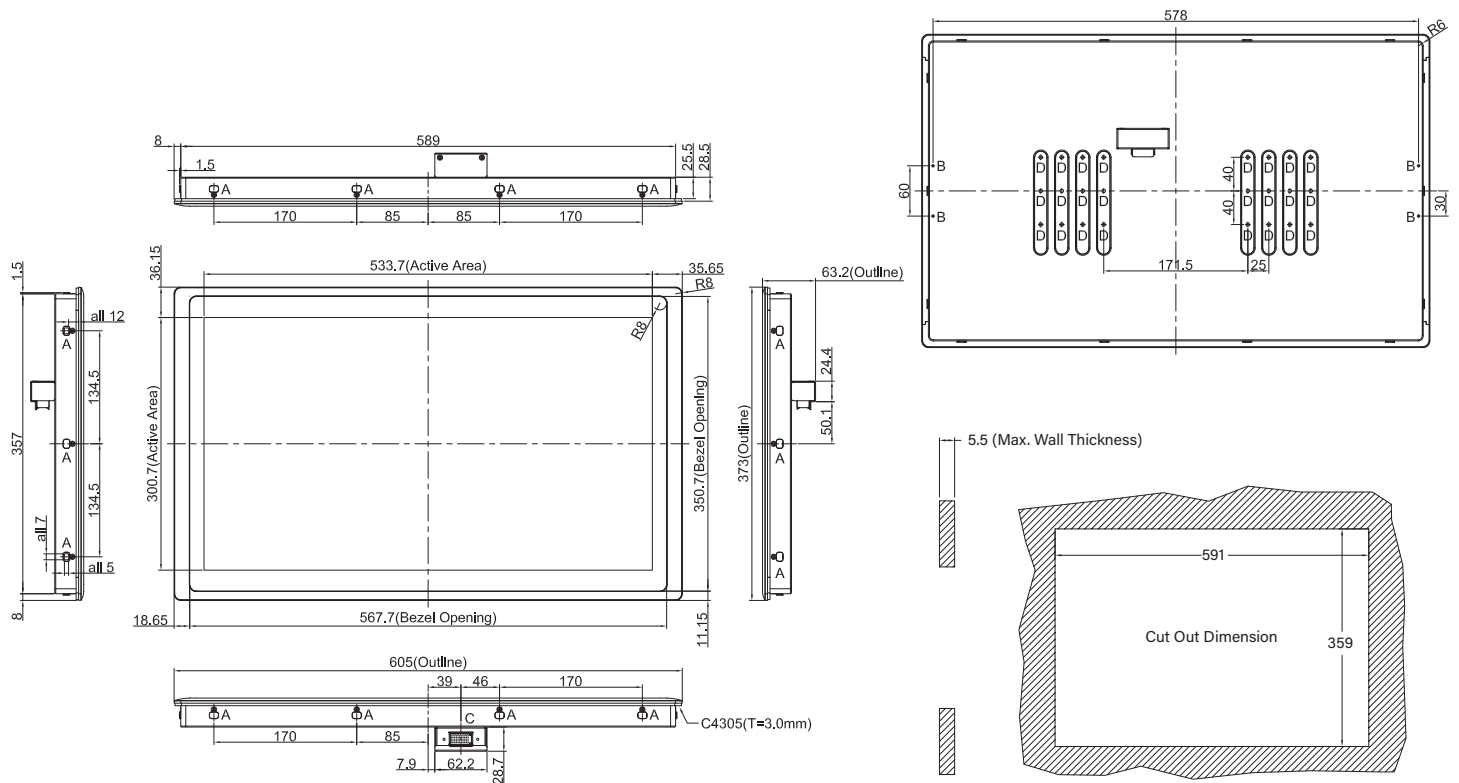
Front



Rear



## Dimensions



Unit: mm

Ordering Information

Available Models

| Model No.    | Description   |
|--------------|---|
| CV-W124R-R10 | 24" TFT Full HD 16:9 Display Module with Resistive 5-wire Touch     |
| CV-W124C-R11 | 24" TFT Full HD 16:9 Display Module with Projected Capacitive Touch |
| CV-W124G-R10 | 24" TFT Full HD 16:9 Display Module without Touch                   |

Package Checklist

|                                     |                          |
|-------------------------------------|--------------------------|
| • CV-W124 Series Display Module x 1 | • Panel Mounting Kit x 1 |
|-------------------------------------|--------------------------|