

# CV-112

12.1" TFT SVGA 4:3 Display Module with Resistive 5-wire / Projected Capacitive Touch



- 12.1" TFT SVGA 4:3 LCD with Resistive 5-wire / Projected Capacitive Touch
- 50,000 hrs LED Backlight Life
- Resolution up to 800 x 600 (SVGA)
- 450 nits Brightness
- Designed with Aluminum Die-cast Front Frame
- IP 65 Compliant Front Panel
- Convertible Display System (CDS) Supported

## Overview

CV-112 is 12.1" LCD display module with resistive 5-wire / projected capacitive touch screen. It offers resolution up to 800x600 (SVGA) and 450 nits brightness. CV-112 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-112 allows you to configure, upgrade and maintain your Convertible Display System easily.

## Specifications

### Display

- LCD Size: 12.1" (4:3)
- Max. Resolution: 800 x 600
- Brightness (cd/m2): 450
- Contrast Ratio: 800 : 1
- LCD Color: 262K
- Pixel Pitch (mm): 0.3075 (H) x 0.3075 (V)
- Viewing Angle (H-V): 160 / 140
- Backlight MTBF: 50000 hrs (LED Backlight)

### Touch

- Resistive 5-wire Touch for CV-112R Only
- Projected Capacitive Touch for CV-112C Only

### Environment

- 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 @ 40°C (non-condensing)
- IP Level: IP 65 Compliant Front Panel

### Physical

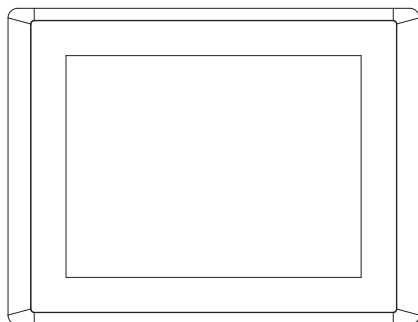
- Dimension (WxDxH, mm): 345 x 265.3 x 57 mm
- Weight: 3.16 kg
- Construction Front Panel: Die-cast Flat Surface

### Certification

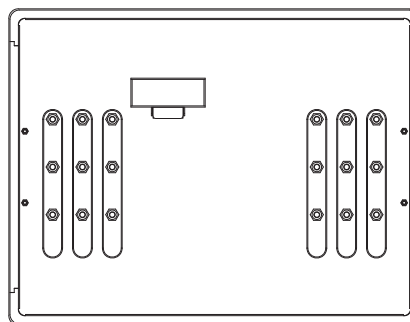
- CE
- FCC Class A

## External Layout

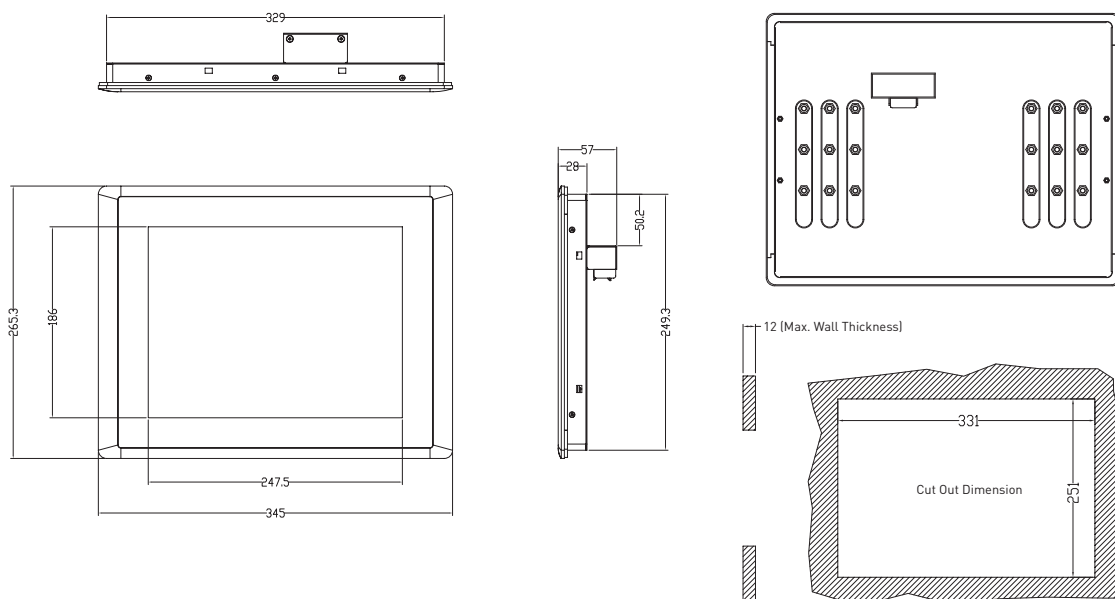
Front



Rear



## Dimensions



Unit: mm

## Ordering Information

### Available Models

| Model No. | Description                                                              |
|-----------|--------------------------------------------------------------------------|
| CV-112R   | 12.1" TFT SVGA 4:3 Display Module with <b>Resistive 5-wire Touch</b>     |
| CV-112C   | 12.1" TFT SVGA 4:3 Display Module with <b>Projected Capacitive Touch</b> |

### Package Checklist

- CV-112 Display Module x 1
- Panel Mounting Kit x 1

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