

# CV-112H | 12.1" TFT XGA 4:3 Display Module with Resistive 5-wire / Projected Capacitive Touch



- 12.1" XGA TFT 4:3 LCD with Resistive 5-wire / Projected Capacitive Touch
- 30,000 hrs LED Backlight Life
- Resolution up to 1024 x 768 (XGA)
- 500 nits Brightness
- Designed with Aluminum Die-cast Front Frame
- IP 65 Compliant Front Panel
- Convertible Display System (CDS) Supported

## Overview

CV-112H is a 12.1" LCD display module with resistive 5-wire / projected capacitive touch screen. It offers resolution up to 1024 x 768 (XGA) and 500 nits brightness. CV-112H 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 Convertible Display System (CDS) technology support, CV-112H allows you to configure, upgrade and maintain your Convertible Display System easily.

## Specifications

### Display

- LCD Size: 12.1" (4:3)
- Max. Resolution: 1024x 768
- Brightness (cd/m<sup>2</sup>): 500
- Contrast Ratio: 700: 1
- LCD Color: 262K
- Pixel Pitch (mm): 0.24 (H) x 0.24 (V)
- Viewing Angle (H-V): 160 / 160
- Backlight MTBF: 30000 hrs (LED Backlight)

### Touch

- Resistive 5-wire Touch for CV-112HR only
- Projected Capacitive Touch for CV-112HC only

### Environment

- Operating Temperature: Ambient with Air Flow:
  - CV-112HR: -20°C to 75°C
  - CV-112HC: -20°C to 80°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

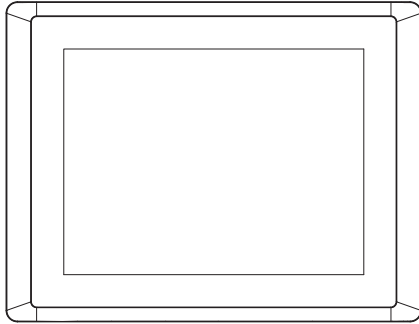
- Dimension (WxDxH, mm): 345 x 265.3 x 57 mm
- Weight: 3.16 kg
- Construction Front Panel: Die-cast Flat Surface

### Certification

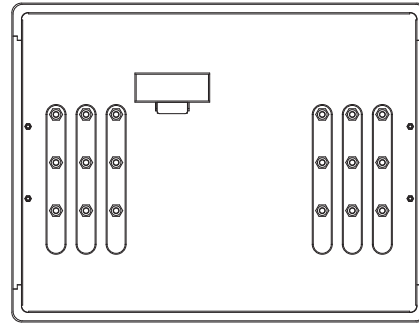
- CE
- FCC Class A

**External Layout**

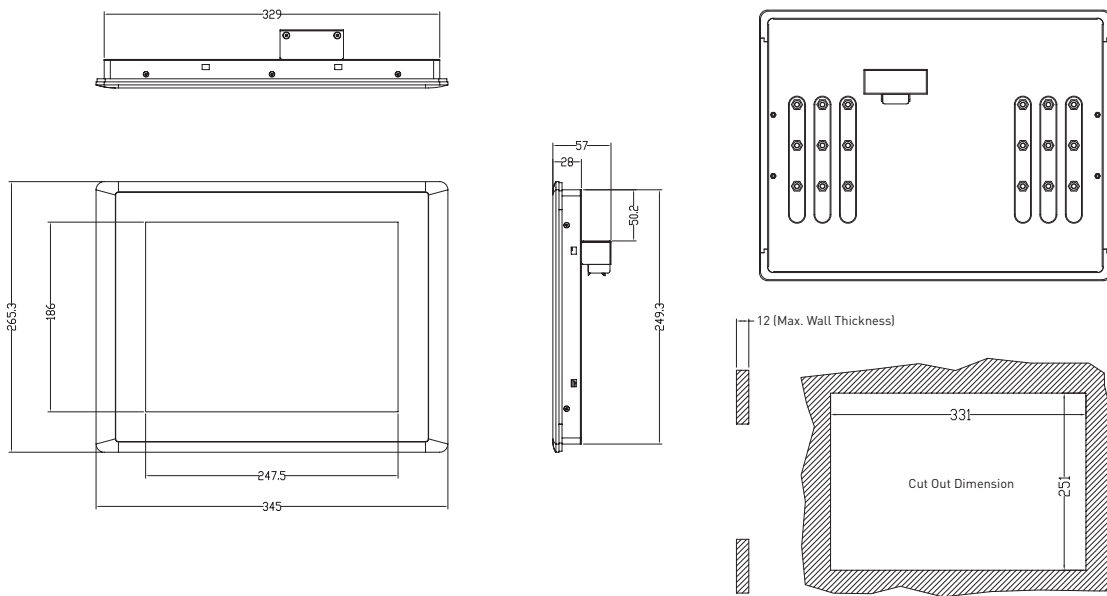
Front



Rear



**Dimensions**



Unit: mm

**Ordering Information**

**Available Models**

Model No.	Description
CV-112HR	12.1" TFT XGA 4:3 Display Module with <b>Resistive 5-wire Touch</b>
CV-112HC	12.1" TFT XGA 4:3 Display Module with <b>Module with Projected Capacitive Touch</b>

**Package Checklist**

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

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