

CV-115 Series

15" TFT XGA 4:3 Display Module with Resistive / P-CAP / P-CAP (AG)



CONVERTIBLE DISPLAY MODULE

| CV-100 Series |

Overview

[CONTACT](#)

CV-115 Series is 15" LCD display module with Resistive / P-CAP / P-CAP (AG) touch screen. It offers resolution up to 1024x768 (XGA) and 350 nits brightness. CV-115 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-115 Series allows you to configure, upgrade and maintain your Convertible Display System easily.

Key Features

- 15" TFT XGA 4:3 LCD with Resistive / P-CAP / P-CAP (AG)
- 50,000 hrs LED Backlight Life
- Resolution up to 1024 x 768 (XGA)
- 350 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

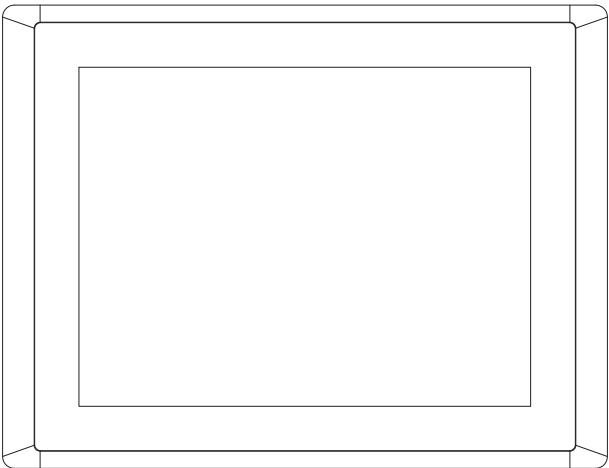


Specifications

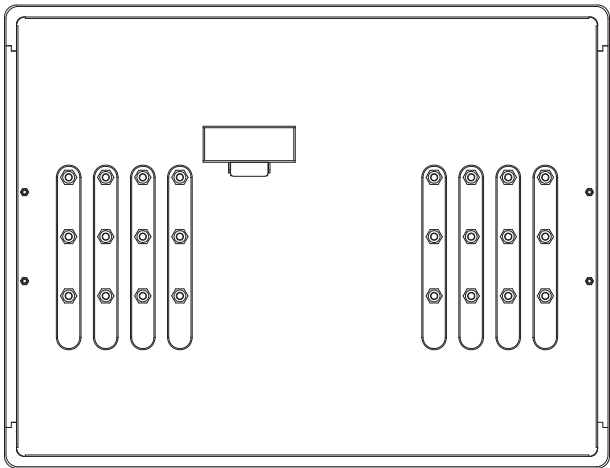
Model Name	CV-115R		CV-115C	CV-115C-AG
Display				
LCD Size	▪ 15" (4:3)			
Max. Resolution	▪ 1024 x 768			
Brightness (cd/m2)	▪ 350			
Contrast Ratio	▪ 800 : 1			
LCD Color	▪ 16.2M			
Pixel Pitch (mm)	▪ 0.297 (H) x 0.297 (V)			
Viewing Angle (H-V)	▪ 160 / 150			
Backlight LED Life Time	▪ 50,000 hrs (LED Backlight)			
Touch Screen				
Touch Type	▪ Resistive 5-wire	▪ Projected Capacitive	▪ Projected Capacitive	
Anti-Glare			v	
Wet Touch Tracking		v	v	
Physical				
Dimension (W x D x H)	▪ 408 x 312.4 x 59.2 mm			
Weight Information	▪ 4.36 kg			
Mechanical Construction	▪ Die-Casting Flat Surface			
Power				
Power Consumption	▪ 8W (Max.)	▪ 7.95W (Max.)	▪ 7.95W (Max.)	
Environment				
Front Panel Protection	▪ IP 65 Compliant			
Operating Temperature	▪ 0°C to 65°C (32°F to 149°F) (With Industrial Grade peripherals; Ambient with air flow)			
Storage Temperature	▪ -20°C to 65°C (-4°F to 149°F)			
Relative Humidity	▪ 90% RH @ 40°C (Non-condensing)			
EMC	▪ CE, UKCA, FCC, ICES-003 Class A			
EMI	▪ CISPR 32 Conducted & Radiated: Class A ▪ EN/BS EN 55032 Conducted & Radiated: Class A ▪ EN/BS EN IEC 61000-3-2 Harmonic current emissions: Class A ▪ EN/BS EN61000-3-3 Voltage fluctuations & flicker ▪ FCC 47 CFR Part 15B, ICES-003 Conducted & Radiated: Class A			
EMS	▪ EN/IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV ▪ EN/IEC 61000-4-3 RS: 80 MHz to 1000 MHz: 3 V/m ▪ EN/IEC 61000-4-4 EFT: AC Power: 1 kV; DC Power: 0.5 kV; Signal: 0.5 kV ▪ EN/IEC 61000-4-5 Surges: AC Power: 2 kV; Signal: 1 kV ▪ EN/IEC 61000-4-6 CS: 3V ▪ EN/IEC 61000-4-8 PFMF: 50 Hz, 1A/m ▪ 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

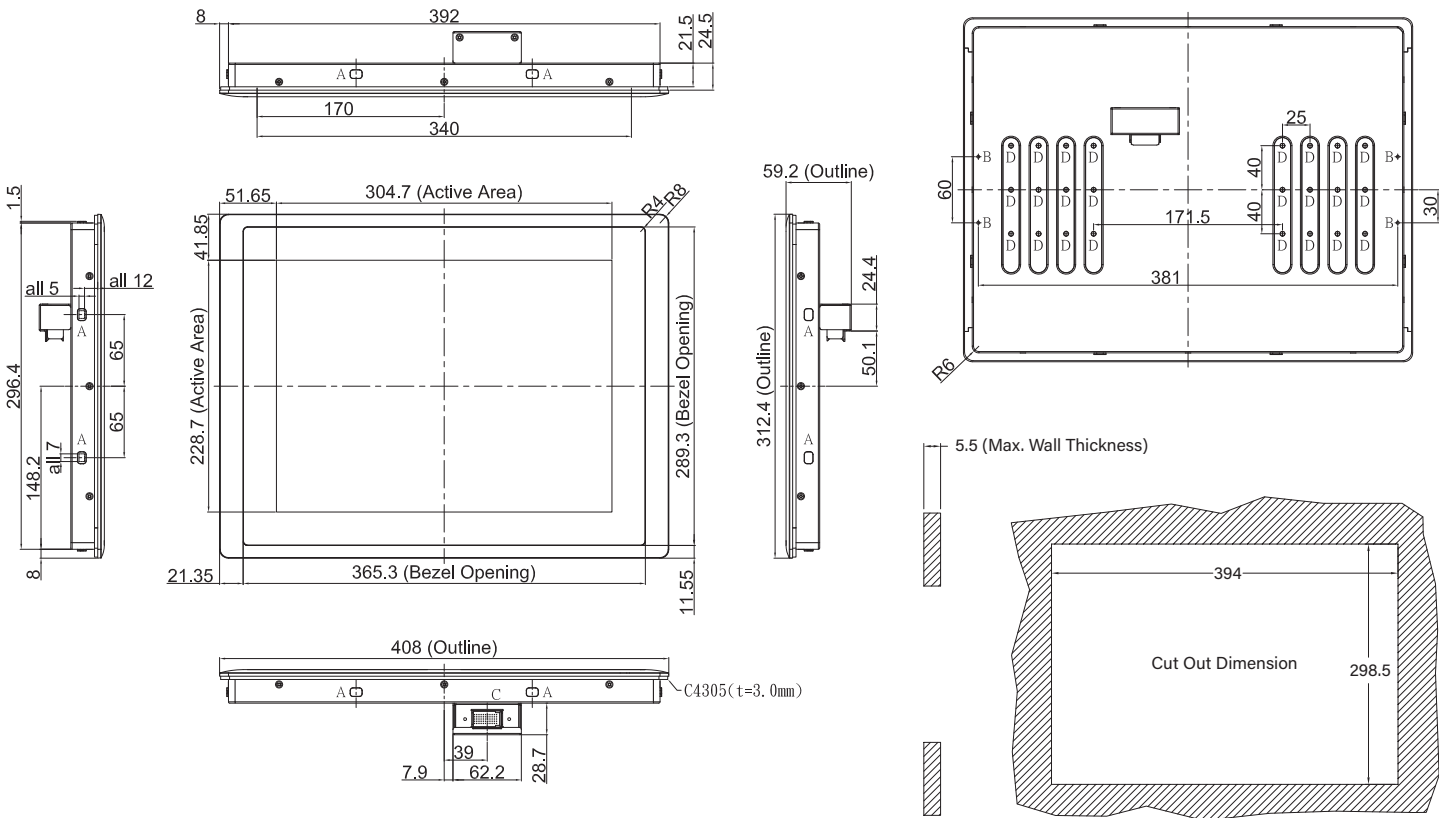
Front



Rear



Dimensions



Unit: mm

Ordering Information

Available Models

Model No.	Description
CV-115R-R10	15" TFT XGA 4:3 Display Module with Resistive 5-wire Touch
CV-115C-R11	15" TFT XGA 4:3 Display Module with Projected Capacitive Touch
CV-115C-AG-R11	15" TFT XGA 4:3 Display Module with Projected Capacitive Touch and Anti-Glare Coating

Package Checklist

CV-115 Series Display Module x 1	• Panel Mounting Kit x 8
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