

CV-117 Series

17" TFT SXGA 5:4 Display Module with Resistive 5-wire Touch /
Projected Capacitive Touch / Glass Only



CONVERTIBLE DISPLAY MODULE

| CV-100 Series |

Overview

[CONTACT](#)

CV-117 Series is 17" LCD display module with resistive 5-wire touch, projected capacitive touch, or glass only. It offers resolution up to 1280x1024 (SXGA) and 350 nits brightness. CV-117 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-117 Series allows you to configure, upgrade and maintain your Convertible Display System easily.

Key Features

- 17" TFT SXGA 5:4 LCD with Resistive 5-wire Touch / Projected Capacitive Touch / Glass Only
- 50,000 hrs LED Backlight Life
- Resolution up to 1280 x 1024 (SXGA)
- 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

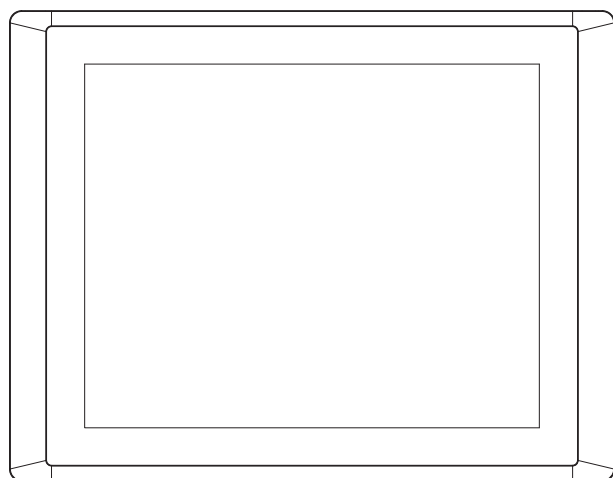


Specifications

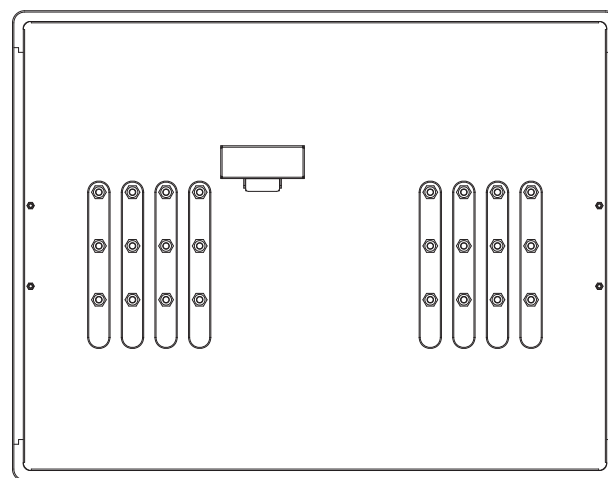
Model Name	CV-117R		CV-117C	CV-117G
Display				
LCD Size	• 17" (5:4)			
Max. Resolution	• 1280 x 1024			
Brightness (cd/m2)	• 350			
Contrast Ratio	• 800 : 1			
LCD Color	• 16.7M			
Pixel Pitch (mm)	• 0.264 (H) x 0.264 (V)			
Viewing Angle (H-V)	• 160 / 140			
Backlight LED Life Time	• 50,000 hrs (LED Backlight)			
Touch Screen				
Touch Type	• Resistive 5-wire	• Projected Capacitive	• Non-Touch (Glass Cover)	
Wet Touch Tracking		v		
Physical				
Dimension (W x D x H)	• 450 x 350 x 63.2mm			
Weight Information	• 5.64 kg			
Mechanical Construction	• Die-Casting Flat Surface			
Power				
Power Consumption	• 18.9W (Max.)	• 18.85W (Max.)	• 18.4W (Max.)	
Environment				
Front Panel Protection	• IP 65 Compliant			
Operating Temperature	• -20°C to 70°C (-4°F to 158°F) (With Industrial Grade peripherals; Ambient with air flow)			
Storage Temperature	• -30°C to 80°C (-22°F to 176°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

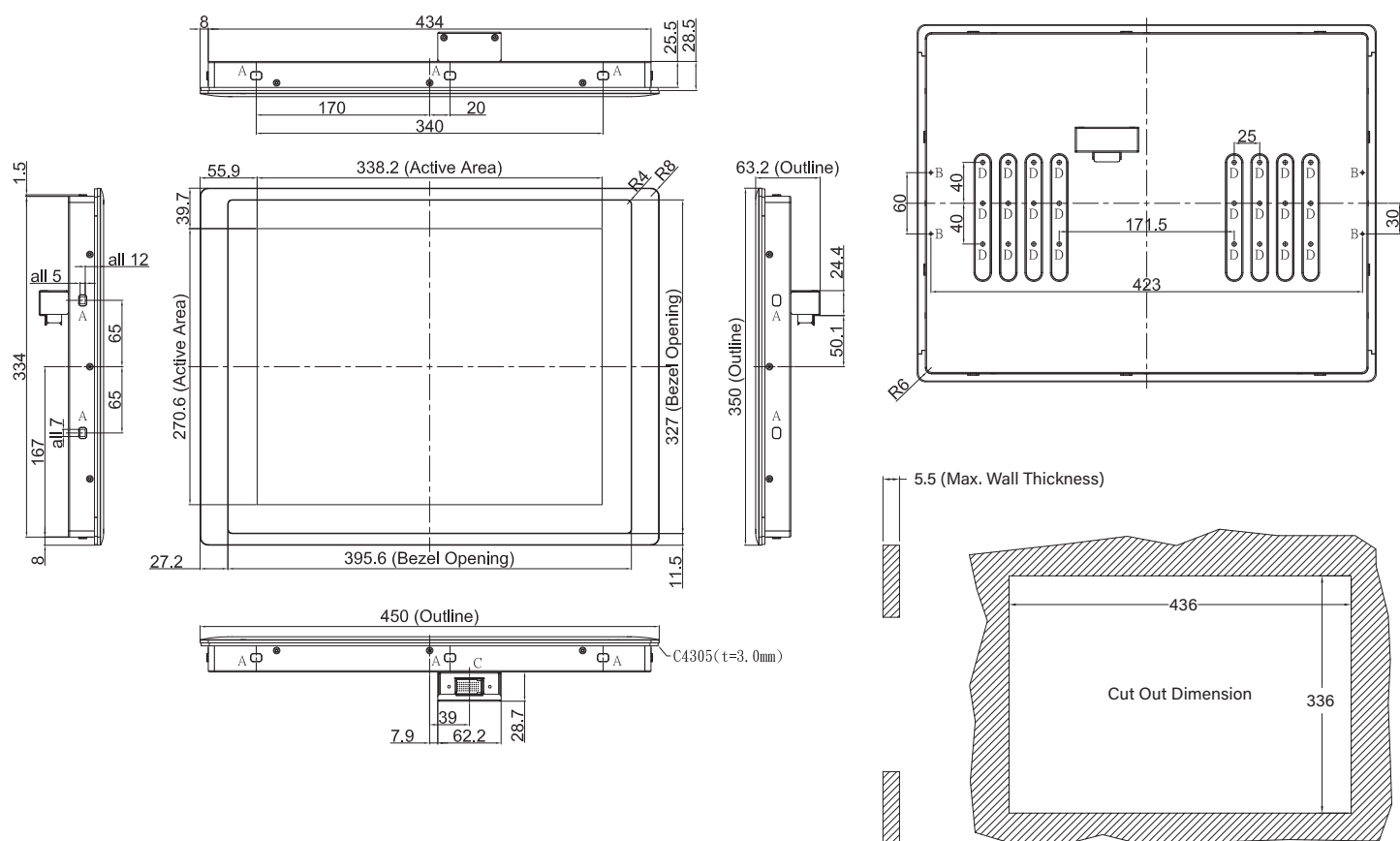
Front



Rear



Dimensions



Unit: mm

Ordering Information

Available Models

Model No.	Description
CV-117R-R10	17" TFT SXGA 5:4 Display Module with Resistive 5-wire Touch
CV-117C-R11	17" TFT SVGA 5:4 Display Module with Projected Capacitive Touch
CV-117G-R10	17" TFT SVGA 5:4 Display Module without Touch

Package Checklist

• CV-117 Series Display Module x 1	• Panel Mounting Kit x 1
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