

# 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

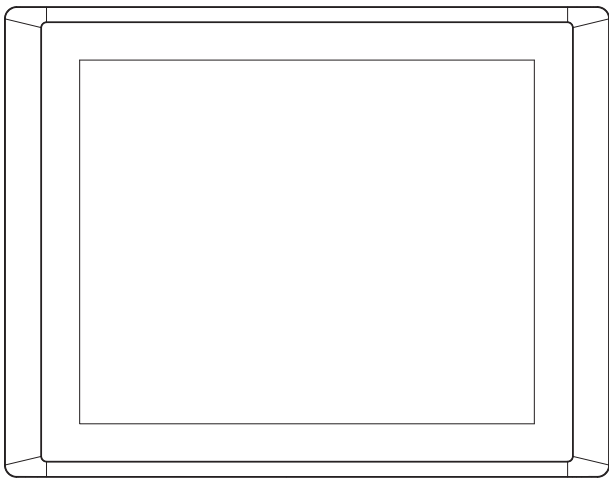


Specifications

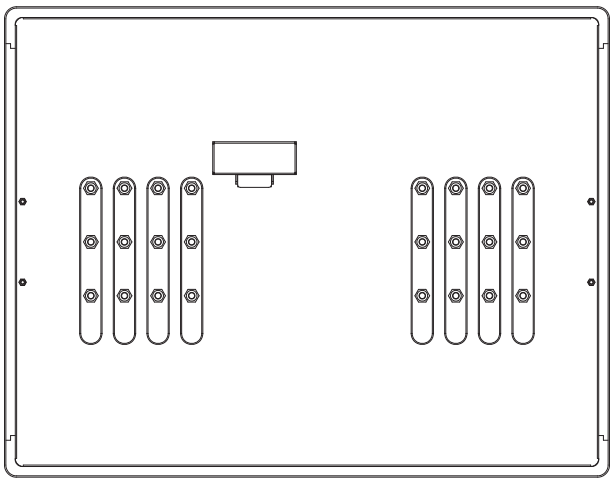
Model Name	CV-117R		CV-117C	CV-117G
Display				
LCD Size	▪ 17" (5:4)			
Max. Resolution	▪ 1280 x 1024			
Brightness (cd/m2)	▪ 350			
Contrast Ratio	▪ 800 : 1			
LCD Color	▪ 16.7M			
Pixel Pitch (mm)	▪ 0.264 (H) x 0.264 (V)			
Viewing Angle (H-V)	▪ 160 / 140			
Backlight LED Life Time	▪ 50,000 hrs (LED 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

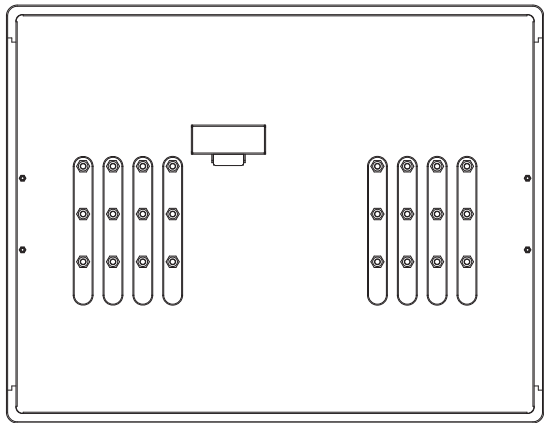
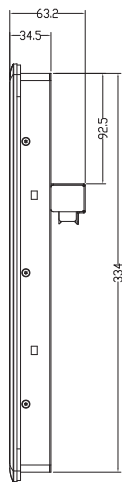
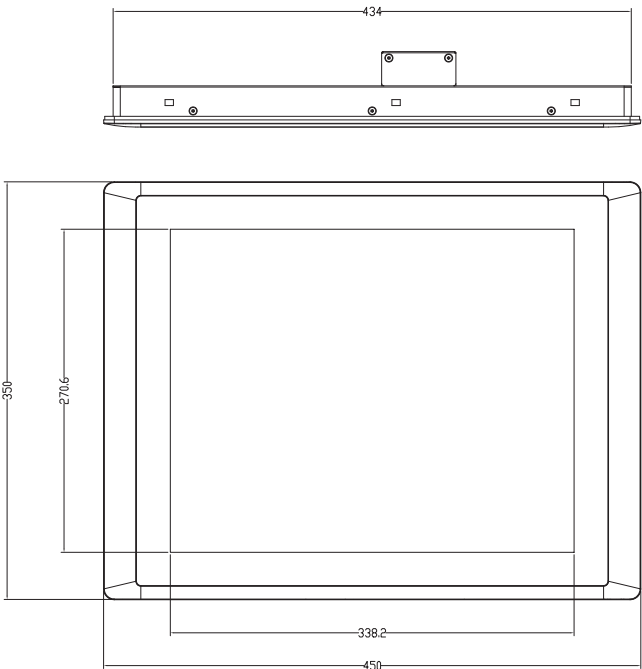
Front



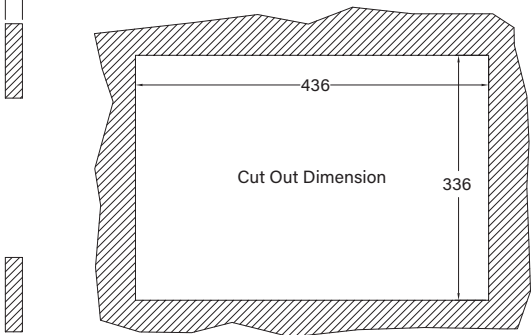
Rear



Dimensions



5.5 (Max. Wall Thickness)



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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