

# CV-119 Series

19" 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-119 Series is 19" 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-119 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-119 Series allows you to configure, upgrade and maintain your Convertible Display System easily.

### Key Features

- 19" TFT SXGA 5:4 LCD with Resistive 5-wire / 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

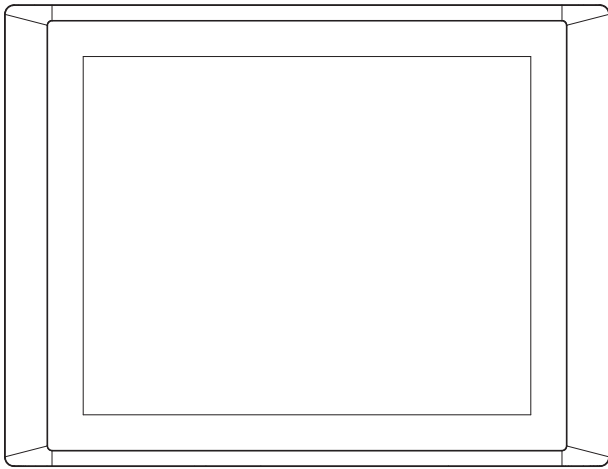


## CV-119 Series Specifications

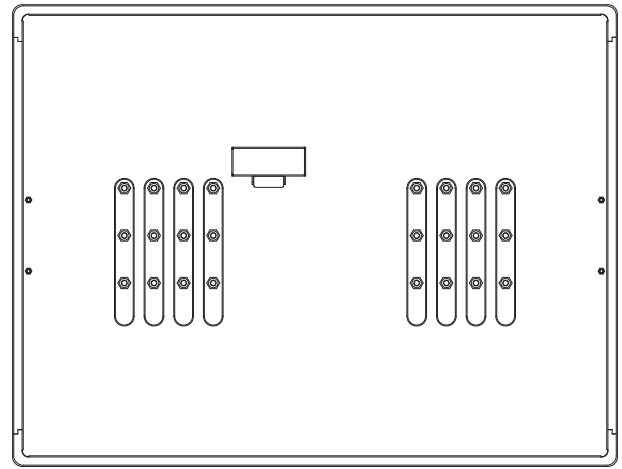
| Model Name                      | CV-119R   | CV-119C                | CV-119G        |
|---------------------------------|---|------------------------|----------------|
| <b>Display</b>                  |   |                        |                |
| LCD Size                        | • 19" (5:4)   |                        |                |
| Max. Resolution                 | • 1280 x 1024   |                        |                |
| Brightness (cd/m <sup>2</sup> ) | • 350   |                        |                |
| Contrast Ratio                  | • 1000 : 1  |                        |                |
| LCD Color                       | • 16.7M   |                        |                |
| Pixel Pitch (mm)                | • 0.294 (H) x 0.294 (V)   |                        |                |
| Viewing Angle (H-V)             | • 170 / 160   |                        |                |
| Backlight MTBF                  | • 50,000 hrs (LED Backlight)  |                        |                |
| <b>Touch Screen</b>             |   |                        |                |
| Touch Type                      | • Resistive 5-wire  | • Projected Capacitive | • Glass Screen |
| <b>Physical</b>                 |   |                        |                |
| Dimension ( W x D x H )         | • 510 x 389.3 x 63.2 mm   |                        |                |
| Weight Information              | • 6.96 kg   |                        |                |
| Mechanical Construction         | • Die-Casting Flat Surface  |                        |                |
| <b>Environment</b>              |   |                        |                |
| Front Panel Protection          | • IP 65 Compliant   |                        |                |
| Operating Temperature           | • 0°C to 50°C (with Industrial Grade peripherals; Ambient with air flow)  |                        |                |
| Storage Temperature             | • -20°C to 60°C   |                        |                |
| Relative Humidity               | • 80% RH @ 50°C (Non-condensing)  |                        |                |
| EMC                             | • CE, UKCA, FCC, ICES-003 Class A   |                        |                |
| EMI                             | <ul style="list-style-type: none"> <li>• CISPR 32 Conducted &amp; Radiated: Class A</li> <li>• EN/BS EN 55032 Conducted &amp; Radiated: Class A</li> <li>• EN/BS EN IEC 61000-3-2 Harmonic current emissions: Class A</li> <li>• EN/BS EN61000-3-3 Voltage fluctuations &amp; flicker</li> <li>• FCC 47 CFR Part 15B, ICES-003 Conducted &amp; Radiated: Class A</li> </ul>   |                        |                |
| EMS                             | <ul style="list-style-type: none"> <li>• EN/IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV</li> <li>• EN/IEC 61000-4-3 RS: 80 MHz to 1000 MHz: 3 V/m</li> <li>• EN/IEC 61000-4-4 EFT: AC Power: 1 kV; DC Power: 0.5 kV; Signal: 0.5 kV</li> <li>• EN/IEC 61000-4-5 Surges: AC Power: 2 kV; Signal: 1 kV</li> <li>• EN/IEC 61000-4-6 CS: 3V</li> <li>• EN/IEC 61000-4-8 PFMF: 50 Hz, 1A/m</li> <li>• EN/IEC 61000-4-11 Voltage Dips &amp; Voltage Interruptions: 0.5 cycles at 50 Hz</li> </ul> |                        |                |
| Safety                          | • UL, cUL, CB, IEC, EN 62368-1  |                        |                |

**External Layout**

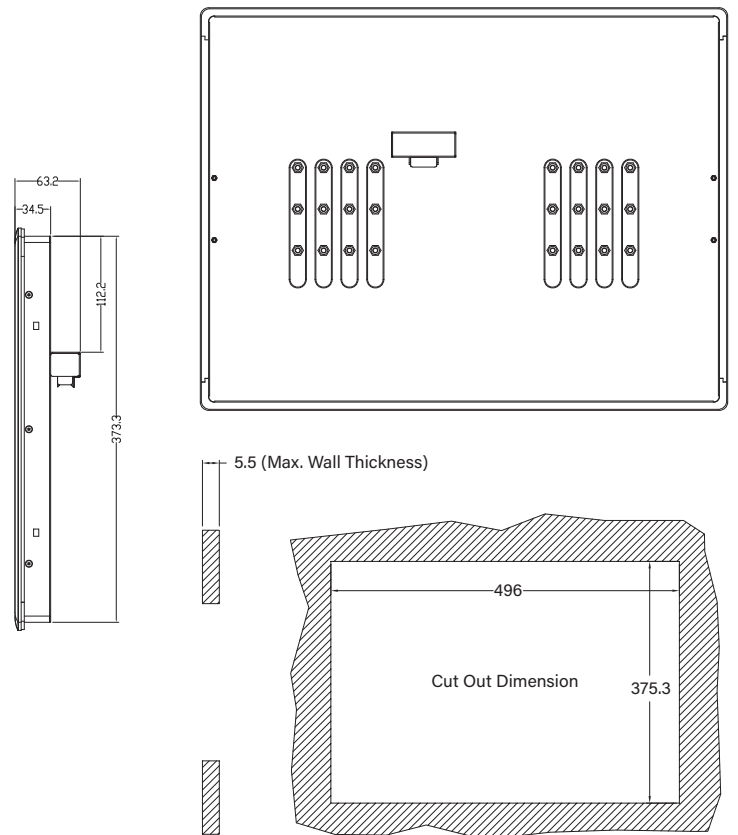
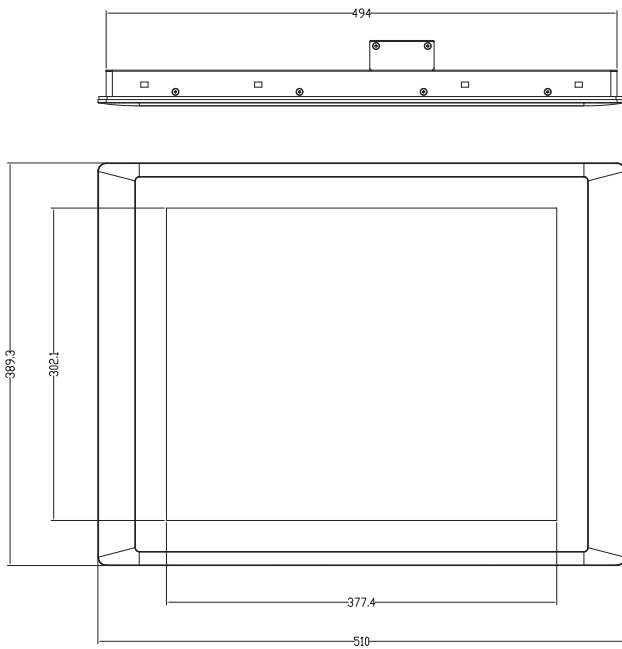
Front



Rear



**Dimensions**



**Unit: mm**

## Ordering Information

### Available Models

| Model No.   | Description   |
|-------------|---|
| CV-119R-R10 | 19" TFT SXGA 5:4 Display Module with Resistive 5-wire Touch     |
| CV-119C-R11 | 19" TFT SXGA 5:4 Display Module with Projected Capacitive Touch |
| CV-119G-R10 | 19" TFT SXGA 5:4 Display Module without Touch                   |

### Package Checklist

- CV-119 Series Display Module x 1
- Panel Mounting Kit x 1