

CV-W115FH Series

15.6" TFT-LCD FHD 16:9 Display Module with
Resistive 5-wire / Projected Capacitive Touch



CONVERTIBLE DISPLAY MODULE

| CV-100 Series |

Overview

[CONTACT](#)

CV-W115FH Series is 15.6" wide screen LCD display module with resistive 5-wire / projected capacitive touch screen. It offers resolution up to 1920 x 1080 (Full HD) and 350 nits brightness. CV-W115FH 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-W115FH Series allows you to configure, upgrade and maintain your Convertible Display System easily.

Key Features

- 15.6" TFT FHD 16:9 LCD with Resistive 5-wire / Projected Capacitive Touch
- 50,000 hrs LED Backlight Life
- Resolution up to 1920 x 1080 (Full HD)
- 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

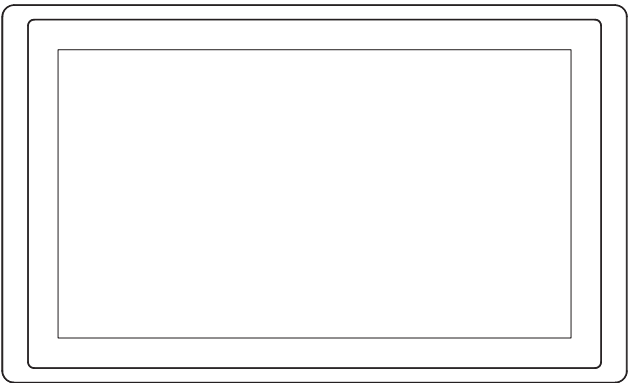


Specifications

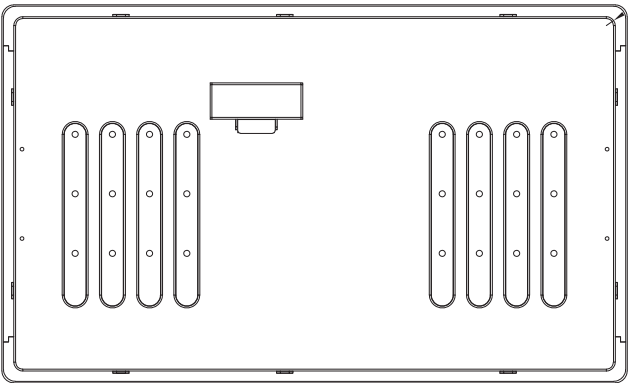
Model Name	CV-W115FHR		CV-W115FHC
Display			
LCD Size	▪ 15.6" (16:9)		
Max. Resolution	▪ 1920 x 1080 (Full HD)		
Brightness (cd/m2)	▪ 350		
Contrast Ratio	▪ 800 : 1		
LCD Color	▪ 16.7M		
Pixel Pitch (mm)	▪ 0.17925(H) x 0.17925 (W)		
Viewing Angle (H-V)	▪ 178 / 178		
Backlight LED Life Time	▪ 50,000 hrs (LED Backlight)		
Touch Screen			
Touch Type	▪ Resistive 5-wire	▪ Projected Capacitive	
Wet Touch Tracking		v	
Physical			
Dimension (W x D x H)	▪ 420 x 254 x 66.2 mm		
Weight Information	▪ 3.78kg	▪ 3.84kg	
Mechanical Construction	▪ Die-Casting Flat Surface		
Power			
Power Consumption	▪ 11.5W (Max.)	▪ 11.45W (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 70°C (-22°F to 158°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

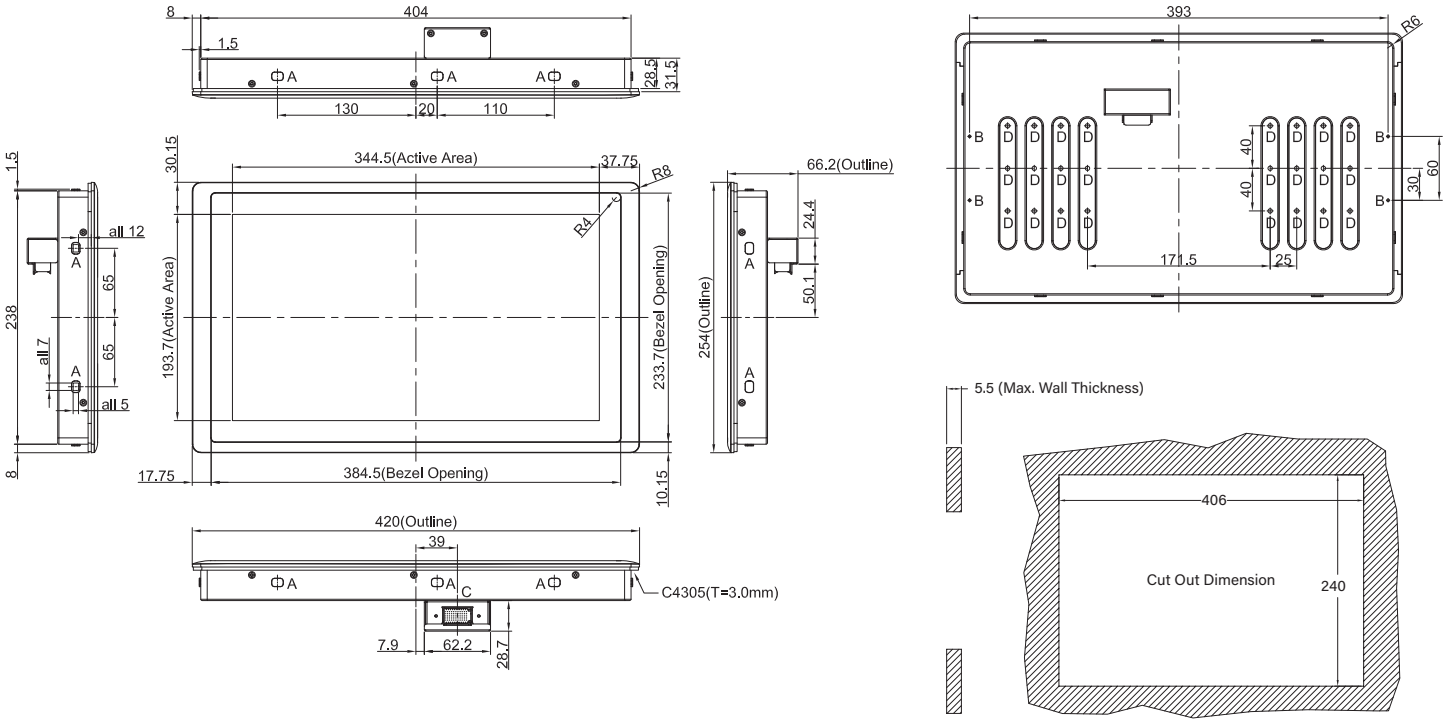
Front



Rear



Dimensions



Unit: mm

Ordering Information

Available Models

Model No.	Description
CV-W115FHR-R10	15.6" TFT-LCD Full HD 16:9 Display Module with Resistive 5-wire Touch
CV-W115FHC-R10	15.6" TFT-LCD Full HD 16:9 Display Module with Projected Capacitive Touch

Package Checklist

▪ CV-W115FH Series Display Module x 1	▪ Panel Mounting Kit x 10
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