CV-110H Series

10.4" TFT SVGA 4:3 Display Module with Resistive 5-wire / **Projected Capacitive Touch**



CONVERTIBLE DISPLAY MODULE

| CV-100 Series |

Overview



CV-110H Series is a 10.4" LCD display module with resistive 5-wire / projected capacitive touch screen. It offers resolution up to 1024 x 768 (XGA) and 400 nits brightness. CV-110H 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-110H Series allows you to configure, upgrade and maintain your Convertible Display System easily.

Key Features

- 10.4" XGA TFT 4:3 LCD with Resistive 5-wire / Projected Capacitive Touch
- 70,000 hrs LED Backlight Life
- Resolution up to 1024 x 768 (XGA)
- 470 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











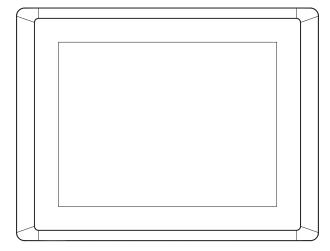


Specifications

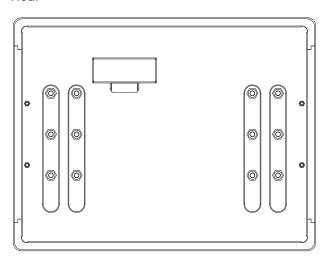
Model Name	CV-110HR	CV-110HC	
Display			
LCD Size	• 10.4" (4:3)		
Max. Resolution	• 1024 x 768		
Brightness (cd/m2)	• 470 cd/m²		
Contrast Ratio	• 1000:1		
LCD Color	• 16.2M		
Pixel Pitch (mm)	• 0.2055 (H) x 0.2055 (V)		
Viewing Angle (H-V)	• 178 / 178		
Backlight LED Life Time	• 70,000 hours (LED Backlight)		
Touch Screen			
Touch Type	Resistive 5-wire	Projected Capacitive	
Wet Touch Tracking		v	
Physical			
Dimension (W x D x H)	• 295 x 227.3 x 56.2 mm		
Weight Information	• 2.24 kg		
Mechanical Construction	Die-Casting Flat Surface		
Power			
Power Consumption	• 4.99W (Typ.)	• 4.94W (Typ.)	
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		
ЕМІ	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

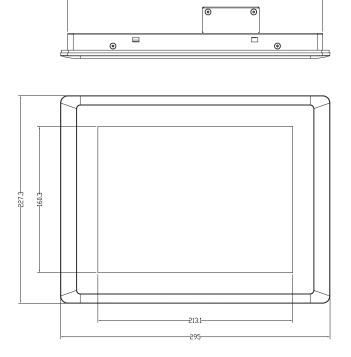
Front

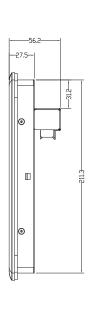


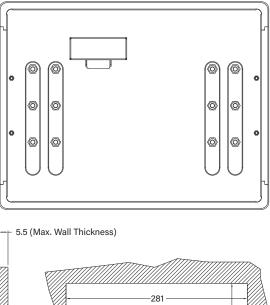
Rear



Dimensions









Ordering Information

Available Models

Model No.	Description
CV-110HR-R11	10.4" TFT XGA 4:3 Display Module with Resistive 5-wire Touch
CV-110HC-R12	10.4" TFT XGA 4:3 Display Module with Projected Capacitive Touch

Package Checklist

 CV-110H Series Display Module x 1 	Panel Mounting Kit x 1
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