CV-110H

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

- 10.4" XGA TFT 4:3 LCD with Resistive 5-wire / Projected Capacitive Touch
- 50,000 hrs LED Backlight Life
- Resolution up to 1024 x 768 (XGA)
- 400 nits Brightness
- Designed with Aluminum Die-cast Front Frame
- IP 65 Compliant Front Panel
- Convertible Display System (CDS) Supported

Overview

CV-110H 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 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 Convertible Display System (CDS) technology support, CV-110H allows you to configure, upgrade and maintain your Convertible Display System easily.

Specifications

Display
- LCD Size: 10.4" (4:3)
- Max. Resolution: 1024 x 768
- Brightness (cd/m2): 400
- Contrast Ratio: 1400 : 1
- LCD Color: 16.2M
- Pixel Pitch (mm): 0.2055 (H) x 0.2055 (V)
- Viewing Angle (H-V): 178 / 178
- Backlight MTBF: 50000 hrs (LED Backlight)

Touch
- Resistive 5-wire Touch for CV-110HR-R10 Only
- Projected Capacitive Touch for CV-110HC-R10 Only

Environment
- Operating Temperature: Ambient with Air Flow:
    CV-110HR: -20°C to 75°C
    CV-110HC: -10°C to 70°C
    (with Industrial Grade Peripherals)
- Storage Temperature: -30°C to 80°C
- Relative Humidity: 80% RH @ 40°C (non-condensing)
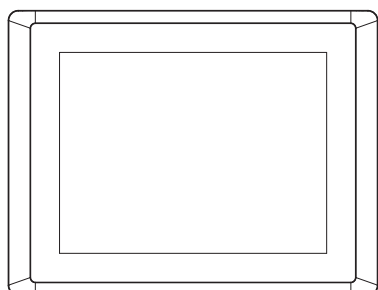- IP Level: IP 65 Compliant Front Panel

Physical
- Dimension (WxDxH, mm): 295 x 227.3 x 56.2 mm
- Weight: 2.24 kg
- Construction Front Panel: Die-cast Flat Surface
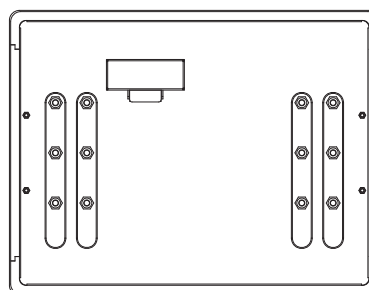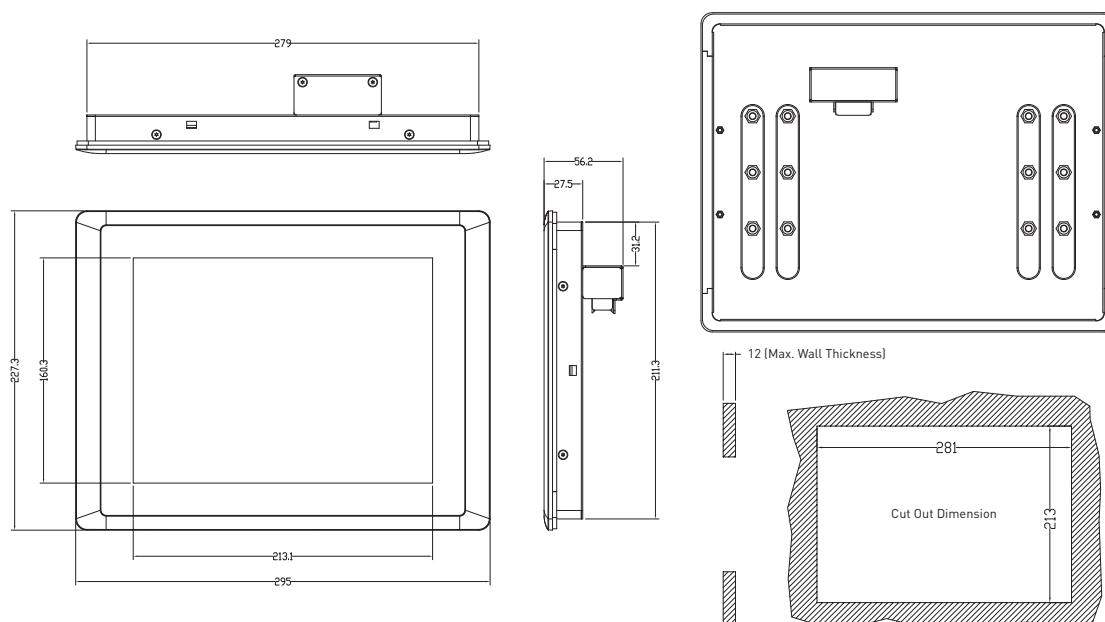
Certification
- CE
- FCC Class A

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SYSTEMS

cincoze   **CV-110H**

External Layout

Front

Rear

Dimensions

279

227.3
160.3

213.1
295

56.2
27.5
31.2
211.3

12 (Max. Wall Thickness)

281
213
Cut Out Dimension

Unit: mm

Ordering Information

Available Models

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

Package Checklist

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

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Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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