

# CO-W121C

21.5" TFT-LCD Open Frame Display Module



## ALL-NEW OPEN FRAME DISPLAY MODULE

| CO-100 Fits Any Machine Perfectly |

### Overview

[CONTACT](#)

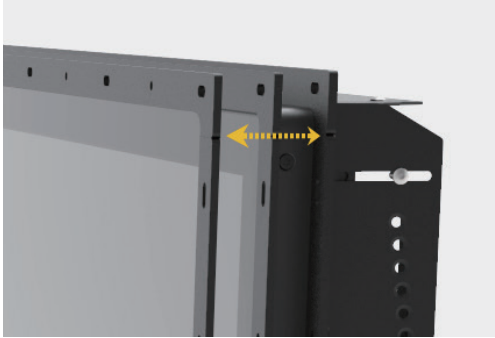
Cincoze open frame display modules (CO-W121C) use our patented CDS (Convertible Display System) technology to connect with a computer module (P2000 or P1000 series) to form an industrial panel PC or connect with a monitor module (M1100 series) to form an industrial touch monitor. Designed for equipment manufacturers, easy installation is the main advantage of the CO-W121C. The integrated structure, exclusive adjustable mounting bracket, and support for various mounting methods enable a perfect fit in cabinets of different materials and thicknesses. The robust design also meets the application needs of harsh industrial environments.

### Key Features

- 21.5" TFT-LCD with Projected Capacitive Touch
- Cincoze Patent CDS Technology Support
- Designed with Adjustable Mounting Bracket
- Support Flat / Standard / VESA / Rack Mount
- Front Panel IP65 Compliant
- Wide Operating Temperature
- Safety: UL, cUL, CB, IEC, EN 62368-1

### Certifications





### Flexible Design and Easy Installation

The CO-100 series includes the exclusive adjustable mounting bracket with thickness adjustment setting, as well as panel and boss type locking. Flat and standard mount options make integration in industrial machinery easy and convenient.

Patent No.: D224544, D224545, I802427

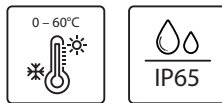
### Integrated Structure

The CO-100 series is flexible and reliable. As standard, the open frame display module can be deployed in equipment machines, but remove the mounting bracket and it becomes a standalone display module for use with a VESA mount or in a 19" rack.



### Strong, Reliable and Durable

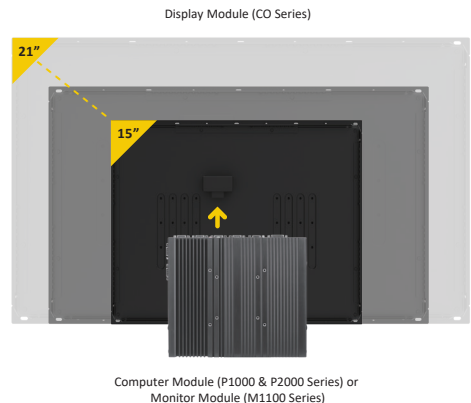
The CO-100 series integrated structure design enables wide temperature support (0-60°C) in addition to front IP65 dustproof and waterproof protection, meeting HMI application requirements.



### Highly Adaptable CDS Design

Through the patented CDS technology, the CO-100 can be combined with a computer module to become an industrial panel PC, or with a monitor module to become an industrial touch monitor. Easy maintenance and upgrade flexibility are its main advantages.

Patent No. M482908

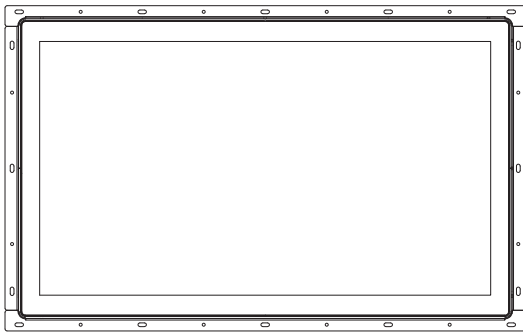


## Specifications

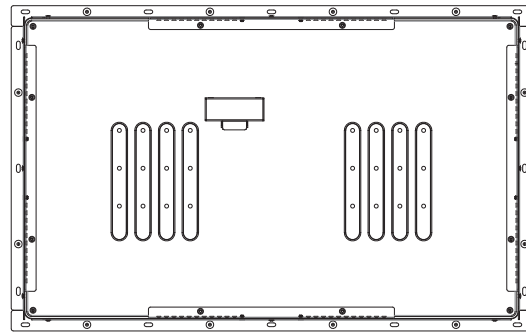
Model Name	CO-W121C
<b>Display</b>	
LCD Size	• 21.5" (16:9)
Resolution	• 1920 x 1080
Brightness	• 300 cd/m2
Contract Ratio	• 5000 : 1
LCD Color	• 16.7M
Pixel Pitch	• 0.24825 (H) x 0.24825 (V) mm
Viewing Angle	• 178 (H) / 178 (V)
Backlight MTBF	• 50,000 hrs
<b>Touch Screen</b>	
Touchscreen Type	• Projected Capacitive Touch
<b>Physical</b>	
Dimension (W x D x H)	• 550 x 343.7 x 63.3
Weight	• 7.16 kg
Construction	• One-piece and Slim Bezel Design
Mounting Type	• Flat / Standard / VESA / Rack Mount
Mounting Bracket	• Pre-installed Mounting Bracket with Adjustable Design ( Support 11 different stages of adjustment )
<b>Protection</b>	
Ingress Protection	• Front Panel IP65 Compliant * According to IEC60529
<b>Environment</b>	
Operating Temperature	• Ambient with Air flow: 0°C to 60°C (with Industrial Grade Peripherals)
Storage Temperature	• -20°C to 60°C
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

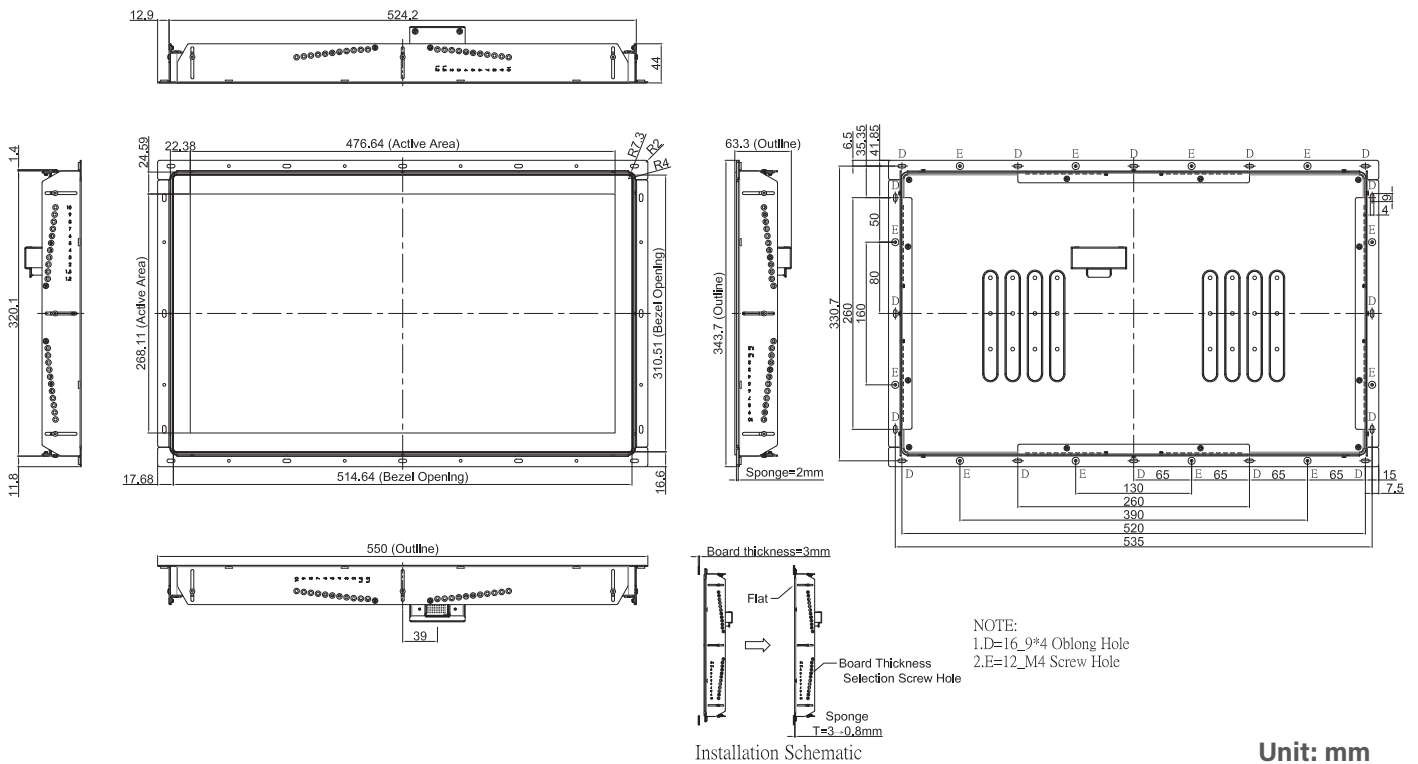
Front



Rear



## Dimensions



## Ordering Information

### Available Model

Model No.	Description
CO-W121C-R10	21.5" TFT-LCD Full HD 16:9 Open Frame Display Module with Projected Capacitive Touch

### Package Checklist

- CO-W121C Display Module x1