

cincoze www.cincoze.com

CO-W121C/M1101 Series

21.5" TFT-LCD Full HD Open Frame Touch Monitor with Projected Capacitive Touch, 1x DisplayPort, 1x HDMI, 1x VGA



Overview

The Cincoze CO-100/M1101 series open frame industrial touch monitors include HDMI and DisplayPort digital inputs, and VGA analog input. The biggest highlight is its patented adjustable mounting bracket with thickness adjustment and locking types to make installation easier. The CO-100/M1101 is designed for equipment manufacturers and seamlessly integrates into control cabinets of various materials and thicknesses. Its rugged design takes into account the tough application requirements of field-side HMI in harsh industrial environments.

- 21.5" TFT-LCD with Projected Capacitive Touch
- Designed with Adjustable Mounting Bracket
- Various Video Input Interfaces: 1x VGA, 1x HDMI, 1x DisplayPort Input
- Support USB & RS-232 Interfaces for Touch Function
- OSD Control keys for Brightness Adjustment
- Cincoze Patent CDS Technology Support
- Front Panel IP65 Compliant
- Support Flat / Standard / VESA / Rack Mount



















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CDS Patented Technology

The patented CDS (Convertible Display System) technology makes field side maintenance and future upgrades simpler and more cost-effective because a single part of the system can be replaced instead of replacing the whole thing.

Patent No. M482908





Easy to Install

The exclusive adjustable mounting bracket provides thickness adjustment and supports panel type and boss type locking methods. Flat mount and standard mount options also make it easier to more convenient to integrate with industrial machines.

Patent No. 1802427, D224544, D224545

Integrated Structure

Combining flexibility and reliability, the open frame modular monitor can be deployed in equipment machines. Remove the mounting bracket and it becomes a standalone panel PC for use with a VESA mount or in a 19" Rack.









Rugged, Safe, and Reliable

The wide operating temperature range (0°C to 70°C) and IP65 -rated dust- and water-resistant front panel make it suitable for machine HMI or process visualization in on-site applications. The CO-100/M1101 has obtained UL certification, ensuring the high safety standards of the product.



CO-W121C/M1101 Series

CO-W121C Specifications

Model Name	CO-W121C	
Display		
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	
Touch Screen		
Touchscreen Type	Projected Capacitive Touch	
Physical		
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)	
Protection		
Ingress Protection	Front Panel IP65 Compliant * According to IEC60529	
Environment		
Operating Temperature	• 0°C to 70°C	
Storage Temperature	• -20°C to 70°C	
Humidity	• 80% RH @ 40°C (non-condensing)	
EMC	• CE, UKCA, FCC, ICES-003 Class A	
Safety	• UL, cUL 62368-1 (Pending)	



CO-W121C/M1101 Series

M1101 Specifications

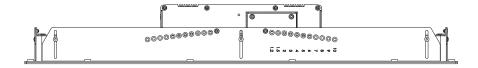
Model Name	M1101		
Graphics			
HDMI-in	• 1x HDMI Connector (1920 x 1080 @60Hz)		
DP-in	• 1x DisplayPort Connector (1920 x 1080 @60Hz)		
VGA-in	• 1x VGA Connector (1920 x 1080 @60Hz)		
Audio			
Audio input	• 1x Audio Line in, Phone Jack 3.5mm		
1/0			
COM	• 1x RS-232, DB9		
USB	• 1x 480Mbps USB 2.0, Type A		
Other Function	Other Function		
OSD Button	Menu, Auto, LCD On/Off, Brightness Up, Brightness Down		
Internal Speaker	• AMP 2W + 2W		
Status LED Indicator	Power LED, Standby LED		
Power			
Power Input	• 9 - 48VDC, 3-pin Terminal Block		
Physical			
Dimension (W x D x H)	- 204.5 x 149 x 38.5 mm		
Weight Information	• 1.2 kg		
Mechanical Construction	Extruded Aluminum with Heavy Duty Metal		
Mounting	VESA / CDS Mounting		
Physical Design	Fanless Design Jumper-less Design		
Reliability & Protection			
Reverse Power Input Protection	• Yes		
Over Voltage Protection	Protection Range: 51~58V Protection Type: shut down operating voltage, re-power on at the preset level to recover		
Over Current Protection	• 15A		
MTBF	• 1,217,359 hrs - Database: Telcordia SR-332 Issue 3, Method 1, Case 3		
Environment	Environment		
Operating Temperature	• -20°C to 70°C * Ambient with air flow * According to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14		
Storage Temperature	• -20°C to 75°C		
Relative Humidity	• 95%RH @ 70°C (non-Condensing)		
Shock	Operating, 15 Grms (according to IEC60068-2-27)		
Vibration	• Operating, 1.5 Grms, 5-500 Hz, 3 Axes (according to IEC60068-2-64) • Operating, 1 Grms, 10-500 Hz, 3 Axes (according to IEC60068-2-6)		
EMC	• CE, UKCA, FCC, ICES-003 Class A • EN61000-6-4, EN61000-6-2 (24VDC Input Only)		
Safety	• UL, cUL, CB, IEC, EN 62368-1		



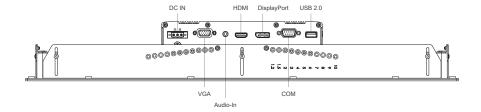
CO-W121C/M1101 Series

CO-W121C/M1101 External Layout

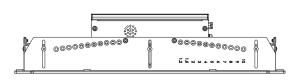
Front I/O



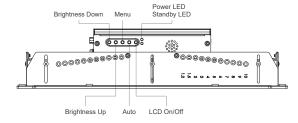
Rear I/O



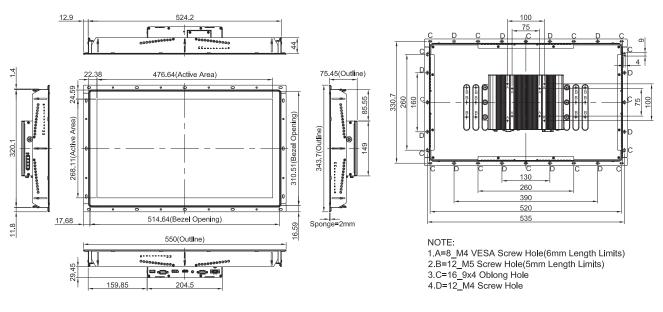
Left I/O



Right I/O



CO-W121C/M1101 Dimensions



Unit: mm



CO-W121C/M1101 Series

Ordering Information

Available Models

Model No.	Description
CO-W121C-R10/M1101-R10	21.5" TFT-LCD Full HD 16:9 Open Frame Touch Monitor with Projected Capacitive Touch, 1x DisplayPort, 1x HDMI, 1x VGA

Package Checklist

• CO-W121C/M1101 Touch Monitor x 1	Power Terminal Block Connector x 1
• USB Cable x 1	• Screw Pack x 1
• VGA Cable x 1	

Optional Accessories

M	odel No.	Description
GS	ST60A12-CIN1	Adapter AC/DC 12V 5A 60W, GST60A12-CIN1, wide temp(-30°C ~ +70°C)
GS	ST120A24-CIN	Adapter AC/DC 24V 5A 120W with 3pin Terminal Block Plug and Tubes, Level VI
UF	RM01	Universal 19" Rack Mount Kit for Industrial Panel PC & Industrial Monitor

Updated: Jul. 27, 202



Assured Systems

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