CV-221 – 21.5" TFT WXGA 16:9 Slim Bezel Display Module with PCAP Touch and AG Coating

The all-new CV-200 Series slim-bezel display module breaks away from the bulky design of traditional industrial displays. Combining high reliability with slim footprint for modern HMI applications, it supports Full HD resolution in sizes from 10" to 21.5". Powered by Cincoze's CDS (Convertible Display System) technology, the CV-200 can be configured as panel PCs or used as industrial touch monitors. Its one-piece mechanical design and front-panel IP66 rating, along with P-Cap touch and anti-glare coating, make it ideal for indoor industrial environments with high humidity and bright lighting, delivering durable, reliable, and stylish HMI solutions.

SPECIFICATIONS

LCD Size	21.5"
Max. Resolution	1920 x 1080
Brightness	300 nits
Contrast Ratio	5000 : 1
LCD Color	16.7M
Pixel Pitch (mm)	0.24825 (H) x 0.24825 (V)
Viewing Angle (H-V)	178 / 178
Backlight LED Life Time	50,000 hrs (LED Backlight)
Touch Type	Projective Capacitive
Dimensions (W x D x H)	522.4 x 318.3 x 63.4 mm
Weight	5.28KG
Mechanical Construction	Die-Casting Flat Surface

Power Consumption	24.8W
Front Panel Protection	IP66 Compliant
Operating Temperature	-20°C – 70°C (-4°F to 158°F) with Industrial Grade peripherals; Ambient with air flow
Storage Temperature	-40°C – 85°C (-40°F to 185°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
Industrial Environment	• EMC: EN/BS/IEC 61000-6-4: 2019 Class A; EN/BS/IEC 61000-6-2: 2019
Railway	• EMC: EN 50155: 2021 Clause 4.4.6, 13.4.9 (w/ M1101 only); EN 50121-1 : 2017; EN 50121-3-2: 2016 + A1: 2019
Global P/N / SKU	2002131

ORDERING OPTIONS

2008131: CV-221 21.5" Slim Bezel Display with PCap Touch and AG Coating Accessories Included: Panel Mounting Kit x 6

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