



Kinco

Designed for high-level equipment industry

FUTURE Series 2nd Gen. Industrial HMI F2121E2

Product features

- 12.1" HD display with 16 million true colors
- Dual Ethernet ports and dual serial ports design, flexible communication
- Quad-core CPU with 1GB memory and 8GB flash memory, ultimate performance
- Metal shell and PCB protection and power isolation, safe and reliable
- Based on the new Gen. Kinco DToolsPro software

Kinco new generation configuration software : Kinco DToolsPro

Office-style interface with a fresh and modern look

Tag variable configuration mode that is closer to ST language programming habits

Template configuration for a more efficient development experience



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FUTURE Series 2nd Gen. Industrial HMI F2121E2



Model	F2121E2
Performance specifications	
Display size	12.1" TFT
Display area	261.12(H) x 163.20 (V)
Resolution	1280*800 pixel
Display color	16.77M
Display viewing angle	85/85/85/85(left/right/up/down)
Contrast ratio	1200:1
Backlight	LED
Brightness	500cd/m ²
Backlight life	>50000 hours
Touch panel	4 line precision resistance network
CPU	Quad-core ARM 1.8GHz
Memory	8GB NAND Flash Memory+1GB RAM Memory
RTC	Built-in
Extensible memory	1 USB Host
Print port	USB Host/serial port
Ethernet	LAN0:10/100/1000 Mbps LAN1:10/100 Mbps
Program download	Ethernet port/USB Slave/U disk
Com port	COM0:RS232/RS485/RS422;COM2:RS232
Electrical specifications	
Input power supply	DC18V~DC28V,built-in isolated power supply
Rated power	15W@DC24V
Insulation resistance	Over 50MΩ@500V DC
Pressure resistance test	500 VAC 1 minute
Structure specifications	
PCB	Built-in
Shell material	Metal
Overall dimension	313x235x48.5mm
Cut-out dimension	295x217mm
Weight (kg)	5KG
Environmental specifications	
Working temperature	0~50°C
Working Humidity	10~90%RH (Non-condensing)
Storage temperature	-20~60°C
Storage humidity	10~90%RH (Non-condensing)
Seismic resistance	10~500Hz,30m/s ² ,X,Y,Z direction/hour
Cooling mode	Natural air cooling
Product certification	
Panel protection grade	IP65 certification(4208—93)
CE authentication	EN61000-6-4:2019, EN61000-6-2:2019)
Software	
Configuration software	Kinco DToolsPro

Dimensional diagram (Unit: mm)

