



Designed for high-level equipment industry

FUTURE Series 2nd Gen. Industrial HMI F2100E2

Product features

- 10.1" , 16 million true colors
- Dual Ethernet and serial ports for flexible communication
- High-performance quad-core processor, 1GB RAM memory and 8GB NAND flash
- Built-in isolated power supply and PCB protection, Prevent external interference and enhance product reliability
- Smooth and natural lines, overall simple and stylish design
- 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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F2100E2



Model	F2100E2
Performance specifications	
Display size	10.1" TFT
Display area	222.72(W)x125.28(H)
Resolution	1024*600 pixel
Display color	16.77M
Display viewing angle	70/70/60/60(left/right/up/down)
Contrast ratio	500:1
Backlight	LED
Brightness	350cd/m ²
Backlight life	>30000 hours
Touch panel	4 line precision resistance network
CPU	Quad-core ARM 1.8GHz
Memory	8GB eMMC Flash Memory+1GB RAM
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	DC10.8V~DC28V,built-in isolated power supply
Rated power	7W@DC24V
Insulation resistance	Over 50MΩ@500V DC
Pressure resistance test	500 VAC 1 minute
Structure specifications	
PCB	Built-in
Shell material	Engineering plastic
Overall dimension	271x213x38mm
Cut-out dimension	260x202mm
Weight (kg)	1.1Kg
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)

