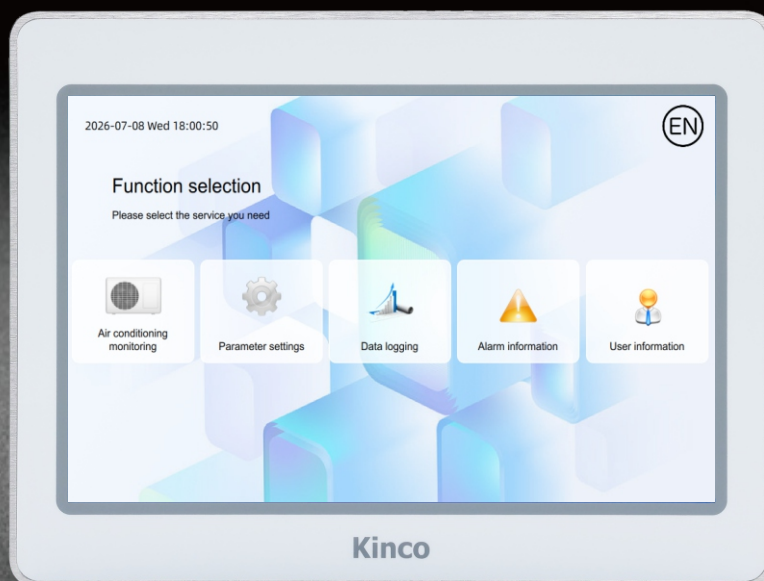




Designed for High-end Equipment Industry

FUTURE Series 2 Industrial HMI

F2121E2(UL)

Product Features

- 12.1" HD display with 16.7 million colors
- Two Ethernet ports and three serial ports
- Quad-core CPU with 1GB RAM + 8GB flash
- Metal enclosure + PCB coating + power isolation
- Compatible with the latest KincoDToolsPro configuration software

Kinco new generation configuration software: Kinco DToolsPro

- Modern Office-style software
- Tag variable configuration mode – Structured Text (ST) programming friendly
- Template-based configuration for higher efficiency



FUTURE Series 2 Industrial HMI

F2121E2(UL)



Model/Specification	F2121E2(UL)
Performance	
Display Size	12.1" TFT
Display Area (W x H)	261.12 x 163.2 mm
Resolution	1280*800
Colors	16.7 million
Viewing Angle (T/B/L/R)	85/85/85/85
Contrast Ratio	1200:1
Backlight	LED
Brightness	400 cd/m ²
Backlight Life Time	50000 hours
Touch Panel	4-wire resistive type
CPU	Quad-core ARM 1.8GHz
Memory	1GB RAM + 8GB flash
RTC	Built-in RTC + 512KB recipe
Expandable Memory	1*USB Host
Printer Port	USB Host / Serial port
Ethernet	LAN0:10/100Mbps; LAN1:10/100Mbps
Program Download	Ethernet port / USB slave / U disk
Communication Port	COM0:RS232/RS485/RS422; COM2:RS232
Power	
Input Power	DC18V ~ 28V
Power Consumption	15W@DC 24V
Voltage Interruption Immunity	<3ms
Insulation Resistance	Over 50MΩ@500V DC
Dielectric Resistance	500V AC 1 minute
Structure	
PCB Coating	Yes
Enclosure	Metal
Dimensions (W x H x D)	313 x 235 x 49 mm
Cut-out Dimensions	295 x 217 mm
Mounting	Panel mounting
Weight	5 kg
Environment	
Operating Temperature	-10 ~ 60°C
Operating Humidity	0~90%RH (Non-condensing)
Storage Temperature	-20~60°C
Storage Humidity	0~90%RH (Non-condensing)
Vibration Resistance	10 ~ 500Hz, 30m/s ² , 1 hour each for X, Y, Z directions
Cooling Method	Natural air circulation
Certification	
Panel Protection Grade	Front panel: IP65
CE Certificate	EN61000-6-4:2019, EN61000-6-2:2019
UL Certificate	UL 61010-1
Software	
Configuration Software	Kinco DToolsPro

Dimensions (mm)

