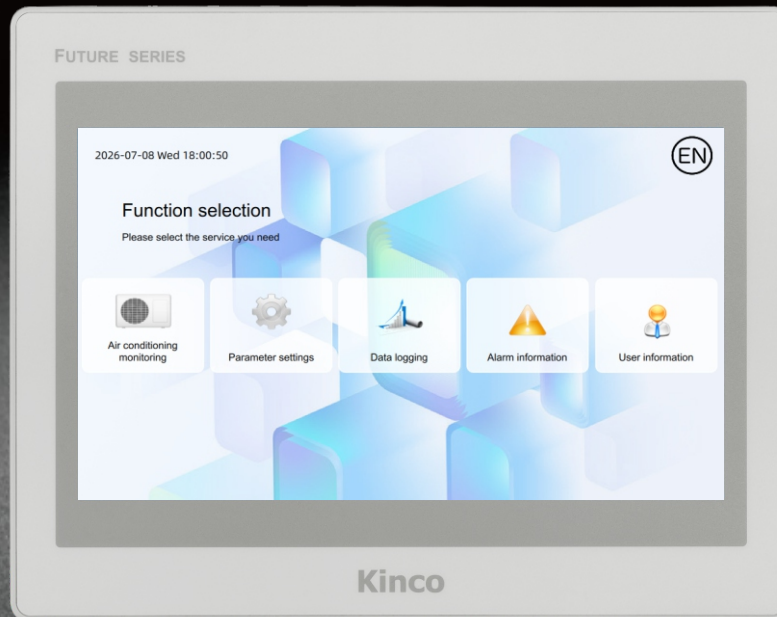




Designed for High-end Equipment Industry

FUTURE Series 2 Industrial HMI

F2100E2

Product Features

- 10.1" wide-viewing-angle display with 16.7 million colors
- Two Ethernet ports + two serial ports; built-in power isolation
- Quad-core CPU with 1GB RAM + 8GB flash
- 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

F2100E2



Model/Specification	F2100E2	Dimensions (mm)
Performance		Technical drawings of the F2100E2 HMI showing front, side, and cut-out views with dimensions. - Front view: 271 mm width, 213 mm height. - Side view: 258.3 mm depth. - Cut-out view: 260.0 mm width, 202.0 mm height, R2 corner radius. - Mounting dimensions: 38.0 mm and 6.5 mm (Sealing ring included).
Display Size	10.1" TFT	
Display Area (W x H)	222.72 x 125.28 mm	
Resolution	1024*600	
Colors	16.7 million	
Viewing Angle (T/B/L/R)	60/60/70/70	
Contrast Ratio	500:1	
Backlight	LED	
Brightness	350 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	LAN0:10/100/1000Mbps; 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	7W@DC 24V	
Voltage Interruption Immunity	<3ms	
Insulation Resistance	Over 50MΩ@500V DC	
Dielectric Resistance	500V AC 1 minute	
Structure		
PCB Coating	Yes	
Enclosure	Engineering plastic	
Dimensions (W x H x D)	271 x 213 x 38 mm	
Cut-out Dimensions	260 x 202 mm	
Mounting	Panel mounting	
Weight	1.1 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	EN IEC 61000-6-4:2019, EN IEC 61000-6-2:2019	
Software		
Configuration Software	Kinco DToolsPro	

Kinco® Automation

www.kincoautomation.com Email: sales@kincoautomation.com

(All trademarks and logos in this brochure are property of and registered by their respective owners.)