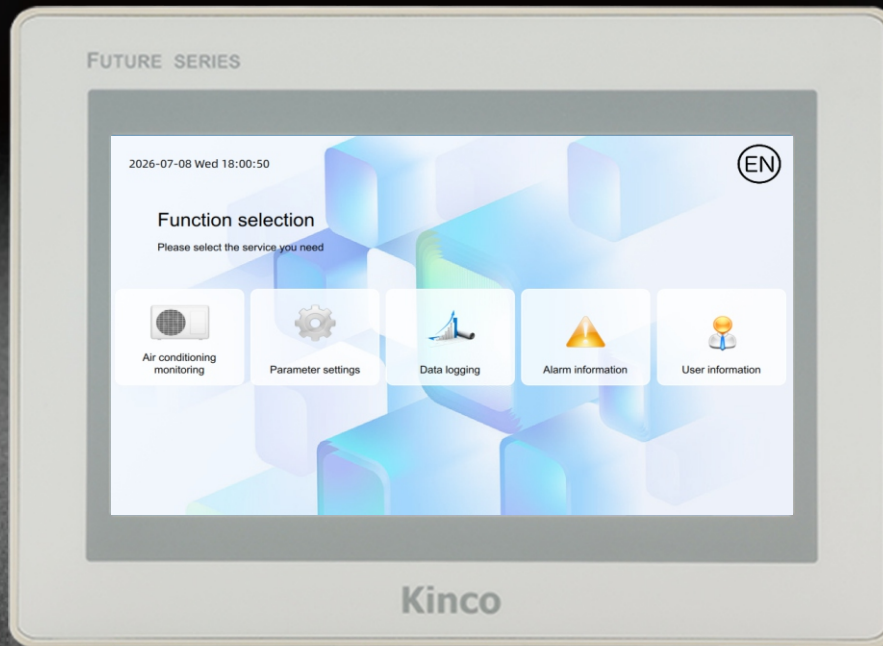




Designed for High-end Equipment Industry

FUTURE Series 2 Industrial HMI

F2070E2

Product Features

- 7" display with 16.7 million colors
- Quad-core CPU with 1GB RAM + 8GB flash
- PCB coating + power isolation
- Two Ethernet ports + three serial ports, two of which support RS485
- Compatible with the latest Kinco DToolsPro configuration software and EdgeAccess2

Kinco new generation configuration software: Kinco DToolsPro

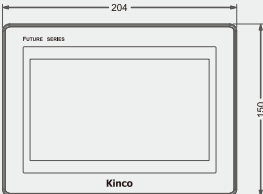
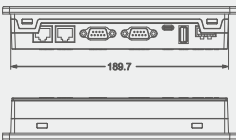
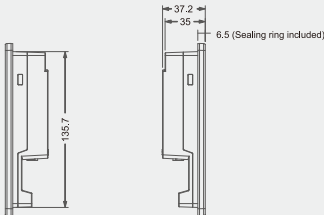
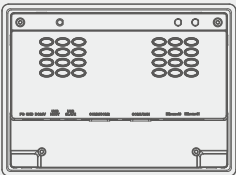
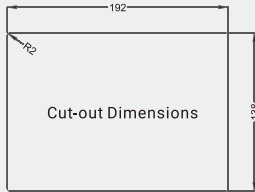
- Modern Office-style software
- Tag variable configuration mode – Structured Text (ST) programming friendly
- Template-based configuration for higher efficiency



FUTURE Series 2 Industrial HMI

F2070E2



Model/Specification	F2070E2	Dimensions (mm)
Performance		    
Display Size	7" TFT	
Display Area (W x H)	154.08 x 85.92 mm	
Resolution	800*480	
Colors	16.7 million	
Viewing Angle (T/B/L/R)	80/80/80/80	
Contrast Ratio	800:1	
Backlight	LED	
Brightness	400 cd/m²	
Backlight Life Time	50000 hours	
Touch Panel	4-wire resistive type (surface hardness: 3H)	
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; COM1:RS485/RS422;COM2:RS232	
Power		
Input Power	DC18V ~ 28V (isolated)	
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)	204 x 150 x 37 mm	
Cut-out Dimensions	192 x 138 mm	
Mounting	Panel mounting	
Weight	0.6 kg	
Environment		
Operating Temperature	-10 ~60℃	
Operating Humidity	0~90%RH (Non-condensing)	
Storage Temperature	-20~60℃	
Storage Humidity	0~90%RH (Non-condensing)	
Vibration Resistance	10 ~ 500Hz, 30m/s², 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

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