

Designed for high-level equipment industry

FUTURE Series 2nd Gen. Industrial HMI

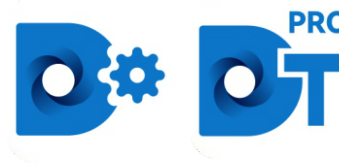
F2070E2

Product Features

- 7-inch 800*480 high-definition display with 16 million true colors.
- Quad-core CPU with 1GB memory and 8GB flash storage.
- Power isolation, strong anti-interference capability, safe and reliable.
- Dual-port design, allows for more peripherals to be connected
- Metal shell+PCB protection +power isolation,safe and reliable
- Based on the latest Kinco DToolsPro configuration 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

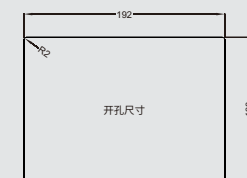
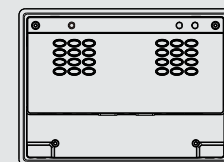
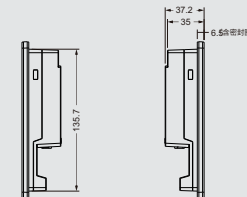
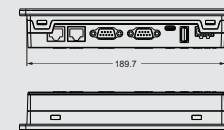
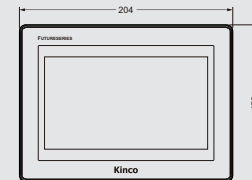


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F2070E2



Model specification	F2070E2
Performance specifications	
Display size	7" TFT
Display area	154.08(H)x85.92(V)
Resolution	800*480 pixel
Display color	16.77 million true colors
Display viewing angle	80/80/80/60 (left/right/up/down)
Contrast ratio	800:1
Backlight	LED
Brightness	400cd/m2
Backlight life	20000 hours
Touch Panel	4 line precision resistance network (surface hardness 4H)
CPU	Quad-core ARM 1.8GHz
Memory	8GB eMMC+1GB RAM
RTC	Built-in
Extensible memory	1 USB HOST
Print port	USB Host/Serial port
Ethernet	LAN0:10/100/1000Mbps; LAN1:10/100 Mbps
Program download	Ethernet/USB Slave/Serial port
Communication port	COM0:RS232/RS485/RS422; COM1:RS485/RS422; COM2:RS232;
Electrical specifications	
Input power supply	DC18V ~DC28V, Built-in Isolation
Rated power	7W@DC 24V
Insulation resistance	Over 50MΩ@500V DC
Pressure resistance test	500V AC 1minute
Structure specifications	
PCB	Yes
Shell material	Engineering plastic
Overall dimension (mm)	204x150x37mm
Cut-out dimension (mm)	192x138mm
Weight(kg)	0.6kg
Environmental specification	
Working temperature	0~50°C
Working humidity	10~90%RH (Non-condensing)
Storage temperature	-20~60°C
Storage humidity	10~90%RH (Non-condensing)
Sine vibration test	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 certificate	EN61000-6-4:2007+A1:2011, EN61000-6-2:2005
Software	
Configuration software	Kinco DTools Pro



Kinco® Automation

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