FUTURE series HMI

F080E

◆ Cortex-A9 industrial CPU，main frequency 1GHz, memory up to 512M；

◆ 8"，High brightness and high resolution display，4: 3 industrial dimensions;

◆ Built in ferroelectric memory supports unlimited erasure of recipe data；

◆ Three proofing spray + isolated power supply to enhance reliability;

◆ SD card extended storage space;

◆ Support webcam access, real-time dynamic control;

◆ The new generation of Kinco dtools configuration software is powerful and easy to use.

Future series with new generation of free software:

Kinco Dtools configuration software. It supports simplified Chinese, complex Chinese, English and Korean versions. The configuration design content supports all installed fonts in the computer system. Support remote cloud monitoring, VNC screen and screen, screen and computer, mobile phone and other terminal interoperability support installment, PDF browsing, operation log record and other convenient control design guide interface, user-friendly design, WYSIWYG, can quickly start.

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Electrical specification

Input power supply	DC12V～DC28V，Built in isolated power supply
Power waste	8W
Allowed power loss	<3ms
insulation resistance	Over 50MΩ@500V DC
Withstand voltage test	500 VAC 1Minute

Model	F080E

Performance specification

Display size	8″ TFT
Resolving power	800*600
Display color	16.77M
backlight type	LED
brightness	250cd/m^2
Backlight life	Over 30000 hours
Touch panel	4-wire precision resistance network (surface hardness 4h)
CPU	32bit RISC Cortex-A9 1GHz
storage	512MB DDR3+4GB eMMC
RTC&Recipe memory	Built in real time clock+32KB
Expandable memory	2 USB Host+1 SD Card
Print port	USB Host/Serial port
Ethernet	1*10/100MHz self-adaption
Program download	USB drive/Ethernet
Communication port	COM0:RS232/RS485/RS422; COM1:RS232/RS485/RS422; COM2:RS232
Audio output	1*Audio output
extension interface	Not Supported

Structural specification

Shellcolor	Light grey
Shell material	Engineering plastic
Outline size	235mm*172mm*57.9mm
Installation opening size	224mm*161mm
Weight	1.3Kg

Environmental specifications

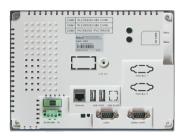|	
Working environment temperature	-10～55℃
Working environment humidity	10～90％RH（No condensation）
Storage ambient temperature	-20～60℃
Storage environment humidity	10～90％RH（No condensation）
Sinusoidal vibration test	10～500Hz ,30m/s^2,Three axis / 1 hour
Cooling mode	Natural air cooling

Product certification

Panel protection class	Ip65 compliant
Ce authentication	CE compliant

Software

Configuration software	Kinco DTools V3.4and above version

Front view

Back view

Dimension drawing（Setting：mm）

143
222.5
143
235
172
57.9
6
159.5
224
161
Cutout size

Kinco® Automation

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