F104E/F104E-CAN

FUTURE series HMI

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

◆ 10.4"，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.
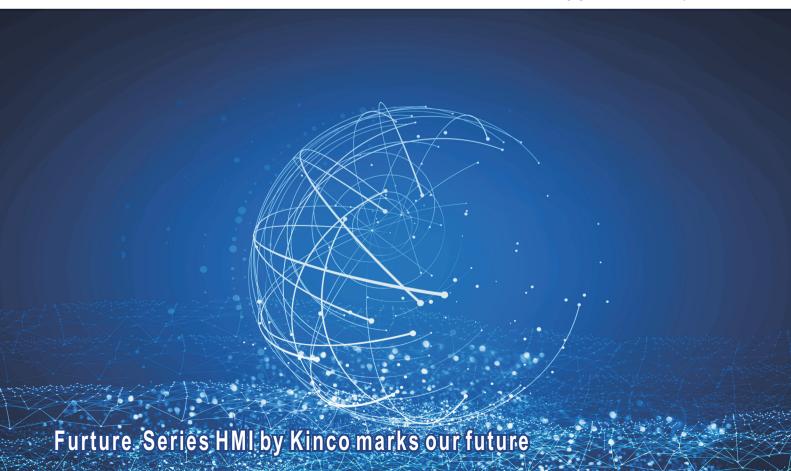
Future series with new generation of free software:
Kinco Dtools configuration software. It supports simplified Chinese, complex Chinese, English and Korean versions. The configuration design content supports all installed fonts in the computer system. Support remote cloud monitoring, VNC screen and 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

Furture. Series HMI by Kinco marks our future

FUTURE series HMI
F104E/F104E-CAN

Electrical specification

Input power supply	DC12V～DC28V，Built in isolated power supply
Power waste	12W
Allowed power loss	<3ms
insulation resistance	Over 50MΩ@500V DC
Withstand voltage test	500 VAC 1Minute

Model	F104E	F104E-CAN
Performance specification		
Display size	10.4″ TFT	
Resolving power	1024*768 pixel	
Display color	16.77M	
backlight type	LED	
brightness	450cd/m^2	
Backlight life	Over 50000 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	1*CANopen

Structural specification

Shellcolor	Light grey
Shell material	Engineering plastic
Outline size	310mm*230.6mm*55.7mm
Installation opening size	299mm*219mm
Weight	1.7Kg

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）

215
297.5
215
310.6
230.6
55.7
7.4(contain sealring)
299
219
Cutout size

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