**Kinco** www.kinco.cn

## **FUTURE** series HMI

## F150E



- Cortex-A9 industrial CPU, main frequency 1GHz, memory up to 512M;
- ◆ 15", High brightness and high resolution display, 4:3 industrial dimensions;
- Built in ferroelectric memory supports unlimited erasure of recipe data;
- 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, Korean, German, Russian and Turkish 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.







# FUTURE series HMI F150E

Model		F150E	
Performance specification			
Display size		15" TFT	
Resolving power		1024*768 pixel	
Display color		16.77M	
backlight type		LED	
brightness		300cd/m <sup>2</sup>	
Backlight life	0	ver 50000 hours	
Touch panel	4-wire precision resist	tance network (surface hardness 4h)	
CPU	32bit R	RISC Cortex-A9 1GHz	
storage	512MI	B 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	Serial port/USB drive/Ethernet		
Communication port		RS422; COM1:RS232/RS485/RS422; COM2:RS232	
Audio output		1*Audio output	
extension interface	Not Supported	1*CANopen	

#### **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 te	st 500 VAC 1Minute

#### Structural specification

Shellcolor	Black	
Shell material	Metal	
Outline size	406.5mm*313.5mm*48.3mm	
Installation opening size	387.5mm*294.5mm	
Weight	5Kg	

#### **Environmental specifications**

Working environment temperature	-10∼50°C
Working environment humidity	10~90%RH (No condensation)
Storage ambient temperature	-20∼60°C
Storage environment humidity	10~90%RH (No condensation)
Sinusoidal vibration test	$10{\sim}500$ Hz , $30$ m/s $^2$ ,Three axis / $1$ hour
Cooling mode	Natural air cooling

#### **Product certification**

Panel protection class		Ip65 compliant	
	Ce authentication	EN61000-6-4:2007+A1:2011, EN61000-6-2:2005	

#### Software

Configuration software Kinco DTools V3.5and above version

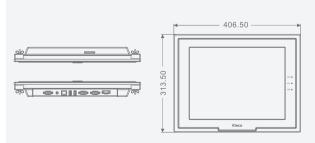




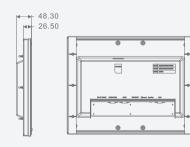


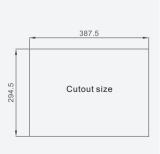
#### Dimension drawing (Setting: mm)

Front view









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