GREEN Series HMI

G100/G100E

Product Features:

- NXP industrial CPU, main frequency 800MHZ, DDR3 high-speed memory;
- Original 10.1 "brand LCD, HD display, 16.7M true color;
- At the same time, it supports three serial ports to meet various needs;
- Built in isolated power supply enhances reliability,Motherboard three defense;
- The powerful Kinco dtools configuration software supports
  the Internet of things function, making it more user-friendly;
- At the same time, it supports edge access authorization,
  remote download, upload and transparent transmission;
- NEMA4 / IP65 front panel protection level..

The GREEN series cooperates with new generation free configuration software: **Kinco DTools.**

It supports eight languages versions of Chinese, Traditional Chinese, English ,Korean,Germany,Russia, Arabic and Turkey.
The configuration design content supports all fonts installed in computer system.
It supports cloud monitoring. VNC achieves interoperation between HMI and HMI, HMI and PC, mobile phones(or other terminals), supports convenient components such as installment, PDF browsing and operating log records for designing guiding interface.

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GREEN Series HMI

G100E

- Preferred model in food industry
- Three proofing spraying + built-in isolated power supply enhances reliability
- Three serial ports meet various needs
- 1024 * 600 high resolution to meet various needs

Model	G100	G100E
Performance specification		
Display size	10.1"TFT	
Display area	222.72mm(W)x125.28mm(H)	
Resolution	1024*600 pixel	
Display color	16.7M colors	
Display angle of view	75/75/60/60(left/right/up/down)	
Contrast ratio	500:1	
Backlight	LED	
Brightness	350cd/m^2	
Backlight life	50000 hours	
Touch panel	4 line precision resistance network (surface hardness 4H)	
CPU	ARM RISC 32Bit 800MHz	
Storage	128MB NAND Flash Memory+128MB DDR3 Memory	
RTC	Built-in	
Extensible memory	1 USB Host	
Print port	USB Host/serial port	
Ethernet	None	10/100M self-adaption
Program download	U disk	U disk/Ethernet
Communication port	COM0:RS232/RS485/RS422; COM1:RS485/RS422; COM2:RS232	
Electrical specifications		
Input power supply	DC12V ~ DC28V,Built-in isolation power supply	
Rated power	6W	
Allowable loss of power	<3ms	
Insulation resistance	Over 50MΩ@500V DC	
Hi-pot test	500 VAC 1 minute	
Structure specifications		
PCB	exquisite spraying	
Shell material	Engineering plastic	
Shape size	310mm*230mm*55mm	
Cutout size	299mm*219mm	
Weight	1.8Kg	
Environmental specifications		
Temperature working	-10 ~ 55℃	
Humidity working	10 ~ 90％RH（non-condensing）	
Storage temperature	-20 ~ 60℃	
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	Conforming to IP65 certification(4208—93)	
CE authentication	EN61000-6-4:2007+A1:2011, EN61000-6-2:2005	
Software		
Configuration software	Kinco DTools V3.4 and above version	

Mechanical Dimensions (Unit : mm)

Kinco® Automation

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