Kinco

GREEN SERIES

GREEN Series HMI

G100E

Product Features:

-Industrial-grade CPU, 800MHz, 128M DD R3;

-10.1 ", brand LCD, HD display, 16.7M true color;

-Supports three serial ports at the same time to meet diverse needs;

-Built-in isolated power supply enhances reliability, and the motherboard has three protections;

-Powerful Kinco Dtools configuration software supports the Internet of Things function, which is more convenient for humanized use;

-At the same time support Edge Access authorization, support remote download, upload, transparent transmission;

-NEMA4 / IP65 front panel protection level.

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

It supports four languages versions of Chinese, English, Korean and Russian. 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. It is the humanized design and easy to use.

GREEN Series HMI
G100E

Mechanical Dimensions (Unit : mm)

Model	G100E
Performance specification	
Display size	10.1"TFT
Display area	222.72mm(W)x125.28mm(H)
Resolution	1024*600 pixel
Display color	16.77M 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	10/100M self-adaption
Program download	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	
Shell material	Engineering plastic
Shape size	310mm*230mm*55mm
Cutout size	299mm*219mm
Weight	1.8Kg
Environmental specifications	
Temperature of working environment	-10 ~ 55℃
Humidity of working environment	10 ~ 90％RH（non-condensing）
Storage environment temperature	-20 ~ 60℃
Storage environment 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

215
297.5
310.6
230.6
215
54.9
4
217.5
299
219
Cutout Size

Kinco®Automation