GREEN Series HMI

GH104E

Product Features：

- Industrial grade CPU, 800MHz, 128M DDR3
- 7", high-definition display, 16.77 million true colors;
- 4:3 display scale, 20% of display area greater than 16:9
- Main board three-defence treatment and isolation of power and serial port to effectively deal with complex environment;
- Up to 4 serial ports for different levels of requirements;
- Sealing design of buckle for waterproof and oil resistance.

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.

Kinco

GREEN Series HMI
GH104E

Model	GH104E	Mechanical Dimensions (Unit : mm)
Performance specification		
Display size	10.4"TFT	
Display area	211.20mm(W)x158.40mm(H)	
Resolution	800*600 pixel	
Display color	16.7M color	
Display angle of view	70/70/60/70(left/right/up/down)	
Contrast ratio	500:1	
Backlight	LED	
Brightness	350cd/m^2	
Backlight life	More than 30000 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 + 1 SD Card	
Print port	USB Host/serial port	
Ethernet	10/100MHz self-adaption	
Program download	USB Slave(Type B)/U disk/Ethernet	
Communication port	COM0:RS232/RS485/RS422; COM1: RS232/RS485/RS422; COM2:RS232; COM3: RS485	
Serial port isolation	Built-in	
Electrical specifications		
Input power supply	DC12V ~ DC28V,Built-in isolation power supply	
Rated power	8W	
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*56mm	
Cutout size	299mm*219mm	
Weight	1.715Kg	
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 V3.3 and above version	

Mechanical Dimensions (Unit : mm)

Cutout Size

Kinco® Automation