



# GREEN Series HMI GL104E

## Product Features:

- Industrial grade CPU, 800MHz, 128M DDR3
- 10.4", 4:3 high-definition display, 16.77 million true colors;
- Built-in isolated power to enhance reliability;
- 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 installation, PDF browsing and operating log records for designing guiding interface.

## GREEN Series HMI GL104E



Model	GL104E	Mechanical Dimensions ( Unit : mm )
<b>Performance specification</b>		
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 <sup>2</sup>	
Backlight life	More than 30000 hours	
Touch panel	4 line precision resistance network (surface hardness 4H)	
CPU	ARM RISC 32Bit 800 MHz	
Storage	256MB 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	USB Slave(Type B)/U disk/Ethernet	
Communication port	COM0:RS232/RS485/RS422; COM2:RS232	
<b>Electrical specifications</b>		
Input power supply	DC10.8V ~ 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	
<b>Structure specifications</b>		
PCB	none of spraying	
Shell material	Engineering plastic	
Shape size	310mm*230mm*56mm	
Cutout size	299mm*219mm	
Weight	1.715Kg	
<b>Environmental specifications</b>		
Temperature working	0 ~ 50°C	
Humidity working	10 ~ 90%RH ( non-condensing )	
Storage temperature	-20 ~ 60°C	
Storage humidity	10 ~ 90%RH ( non-condensing )	
Sine vibration test	10 ~ 500Hz, 30m/s <sup>2</sup> , X, Y, Z direction/hour	
Cooling mode	Natural air cooling	
<b>Product certification</b>		
Panel protection grade	Conforming to IP65 certification(4208—93)	
CE authentication	EN61000-6-4:2007+A1:2011, EN61000-6-2:2005	
<b>Software</b>		
Configuration software	Kinco DTools V4.1 and above version	