



# GREEN Series HMI

## GH150E

### Product Features:

- Industrial grade CPU, 800MHz, 128M DDR3;
- Industrial display: 15", high-definition display, 4:3 display scale;
- 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 installation, PDF browsing and operating log records for designing guiding interface.

## GREEN Series HMI GH150E



Model	GH150E
<b>Performance specification</b>	
Display size	15" TFT
Display area	304.13mm(W)x228.10mm(H)
Resolution	1024*768 pixel
Display color	65536 colors
Display angle of view	80/80/80/80(left/right/up/down)
Contrast ratio	800:1
Backlight	LED
Brightness	420cd/m <sup>2</sup>
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 +1 SD card
Print port	USB Host/serial port
Ethernet	10/100M self-adaption
Program download	USB Slave(Micro USB)/U disk/Ethernet
Communication port	COM0:RS232/RS485/RS422; COM1:RS232/RS485/RS422; COM2:RS232; COM3:RS485
Serial port isolation	Built-in
<b>Electrical specifications</b>	
Input power supply	DC10.8V ~ DC28V,Built-in isolation power supply
Rated power	16W
Allowable loss of power	<3ms
Insulation resistance	Over 50MΩ@500V DC
Hi-pot test	500 VAC 1 minute
<b>Structure specifications</b>	
PCB	exquisite spraying
Shell material	Engineering plastic
Shape size	398mm*298mm*47mm
Cutout size	383mm*283mm
Weight	3kg
<b>Environmental specifications</b>	
Temperature working	-10 ~ 55°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 V3.3 and above

### Mechanical Dimensions ( Unit : mm )

