



# GREEN Series HMI GL043/GL043E

## Product Features:

- Industrial grade CPU, 800MHz, 128M DDR3;
- 4.3", high-definition display, 16.77 million true colors;
- Ultra-thin body design for only 33mm, perfect chose for small-sized installation space demand;
- Sealing design of buckle for waterproof and oil resistance.



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 GL043/GL043E



Model	GL043	GL043E
<b>Performance specification</b>		
Display size	4.3" TFT	
Display area	95.04mm(W)x53.86mm(H)	
Resolution	480*272 pixels	
Display color	16.7M color	
Display angle of view	70/70/50/70(left/right/up/down)	
Contrast ratio	500:1	
Backlight	LED	
Brightness	450cd/m <sup>2</sup>	
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	None	
Print port	Serial port	
Ethernet	None	10/100M self-adaption
Program download	USB Slave(Micro USB) / Serial port	USB Slave(Micro USB) /Serial port/Ethernet

Communication port COM0:RS232/RS485/RS422;  
COM2:RS232

<b>Electrical specifications</b>	
Input power supply	DC10V ~ DC28V
Rated power	2W @24V DC
Allowable loss of power	<3ms
Insulation resistance	Over 50MΩ@500V DC
Hi-pot test	500 VAC 1 minute

<b>Structure specifications</b>	
Shell material	Engineering plastic
Shape size	132mm*102mm*33mm
Cutout size	119mm*93mm
Weight	0.21Kg

<b>Environmental specifications</b>	
Temperature of working environment	0 ~ 50 °C
Humidity of working environment	10 ~ 90% RH ( non-condensing )
Storage environment temperature	-20 ~ 60 °C
Storage environment 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 )

