



# GREEN Series HMI GL100/GL100E

## Product Features:

- Industrial grade CPU, 792MHz, 128M DDR3
- 10.1", high-definition display, 16.77 million true colors;
- The front panel protection level meets IP65 certification requirements;
- 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 GL100/GL100E



Model	GL100	GL100E	Mechanical Dimensions ( Unit : mm )
<b>Performance specification</b>			
Display size	10.1" TFT		
Display area	222.72mm(W)x125.28mm(H)		
Resolution	1024*600 pixels		
Display color	16.7M color		
Display angle of view	70/70/60/70(left/right/up/down)		
Contrast ratio	500:1		
Backlight	LED		
Brightness	400cd/m <sup>2</sup>		
Backlight life	More than 30000 hours		
Touch panel	4 line precision resistance network (surface hardness 4H)		
CPU	ARM RISC 32Bit 792MHz		
Storage	128MB NAND Flash Memory+128MB DDR3 Memory		
RTC	Built-in		
Extensible memory	1 USB Host		
Print port	USB Host/serial port		
Ethernet	None	10/100MHz self-adaption	
Program download	USB Slave/U disk	USB Slave/U disk/Ethernet	
Communication port	COM0:RS232/RS485/RS422; COM2:RS232		
<b>Electrical specifications</b>			
Input power supply	DC10V ~ DC28V		
Rated power	6W @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	280mm*193mm*36mm		
Cutout size	261mm*180mm		
Weight	0.9Kg		
<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 version		