



# GREEN Series HMI

## GL070/GL070E

### Product Features:

- Industrial grade CPU, 800MHz, 128M DDR3;
- 7", 16.77 million true colors;
- Perfect chose for general application;
- 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.

## GREEN Series HMI GL070/GL070E



Model	GL070	GL070E
<b>Performance specification</b>		
Display size	7" TFT	
Display area	154.08mm(W)x85.92mm(H)	
Resolution	800*480 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	250cd/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	1 USB Host	
Print port	USB Host/serial port	
Ethernet	None	10/100M self-adaption
Program download	USB Slave(Micro USB) /U disk	USB Slave(Micro USB) /U disk/Ethernet
Communication port	COM0:RS232/RS485/RS422; COM2:RS232	
<b>Electrical specifications</b>		
Input power supply	DC10V~DC28V,Built-in isolation power supply	
Rated power	3.6W @24V DC	
Allowable loss of power	<3ms	
Insulation resistance	Over 50MΩ@500V DC	
Hi-pot test	500 VAC 1 minute	
<b>Structure specifications</b>		
PCB	none of spraying	
Shell material	Engineering plastic	
Shape size	204mm*150mm*37mm	
Cutout size	192mm*138mm	
Weight	0.5Kg	
<b>Environmental specifications</b>		
Working Temperature	0 ~ 50 °C	
Working Humidity	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 version	

### Mechanical Dimensions ( Unit : mm )

