



GREEN Series HMI

GL070/GL070E

Product Features:

- Industrial-grade CPU, 800MHz, 128M DD R3;
- 7", HD display, 4:3 industrial size;
- Built-in isolated power supply enhances reliability;
- Better display effect of high brightness LCD;
- Support CAN bus;
- Three serial ports to meet diverse needs;
- Install the snap seal design, waterproof and anti-oil;
- A new generation of Kinco DTools configuration software, powerful, simple and easy to use.



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.

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Model	GL070	GL070E
Performance specification		
Display size	7" TFT	
Display area	154.08mm(W)x85.92mm(H)	
Resolution	800*480 pixels	
Display color	16.77M color	
Display angle of view	70/70/50/70(left/right/up/down)	
Contrast ratio	500:1	
Backlight	LED	
Brightness	250cd/m ²	
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	10/100MHz self-adaption
Program download	USB Slave/U disk	USB Slave/U disk/Ethernet
Communication port	COM0:RS232/RS485/RS422; COM2:RS232	

Electrical specifications	
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

Structure specifications	
Shell material	Engineering plastic
Shape size	204mm*150mm*34mm
Cutout size	192mm*138mm
Weight	0.5Kg

Environmental specifications	
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 ² , X, Y, Z direction/hour
Cooling mode	Natural air cooling

Product certification	
Panel protection grade	Conforming to IP65 certification(4208—93)
CE authentication	EN61000-6-4:2007+A1:2011, EN61000-6-2:2005

Software	
Configuration software	Kinco DTools V3.3 and above version

Mechanical Dimensions (Unit : mm)

