



# GREEN Series HMI

## G070/G070E/G070E-CAN

### Product Features :

- Industrial grade CPU, 800MHzm, 128M DDR3;
- 7", high-definition display, 16.77 million true colors;
- Three proofing spraying + Built-in isolated power to enhance reliability;
- Three serial ports for different levels of requirements;
- Support CANopen;
- 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.

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- Three serial ports for different levels of requirements
- Support CANopen



Model	G070	G070E	G070E-CAN	Mechanical Dimensions (Unit : mm)
<b>Performance specification</b>				
Display size		7" TFT		
Display area		154.08mm(W)x85.92mm(H)		
Resolution		800*480 pixel		
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 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	10/100M self-adaption	
Bus interface	None	None	1*CANopen	
Program download	USB Slave (Micro USB)/U disk	USB Slave(Micro USB) /U disk/Ethernet	USB Slave(Micro USB) /U disk/Ethernet	
Communication port		COM0:RS232/RS485/RS422; COM1:RS485/RS422;COM2:RS232		
<b>Electrical specifications</b>				
Input power supply		DC12V ~ DC28V,Built-in isolation power supply		
Rated power		3.8W		
Allowable loss of power		<3ms		
Insulation resistance		Over 50MΩ@500V DC		
Hi-pot test		500 VAC 1 minute		
<b>Structure specifications</b>				
PCB spraying		Yes		
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		