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.**

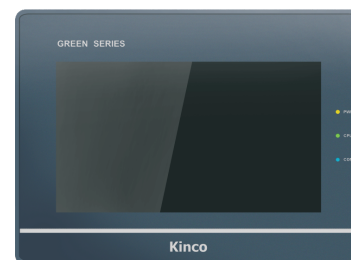The GREEN series cooperates with new generation free configuration software: **Kinco DTools.**

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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G070/G070E/G070E-CAN

- Three proofing spraying + Built-in isolated power to enhance reliability
- Three serial ports for different levels of requirements
- Support CANopen

Model	G070	G070E	G070E-CAN	Mechanical Dimensions (Unit : mm)
Performance specification				
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^2			
Backlight life	More than 30000 hours			
Touch panel	4 line precision resistance network (surface hardness 4H)			
CPU	ARM RISC 32Bit 800MHz			
Storage	256MB 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			
Electrical specifications				
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			
Structure specifications				
PCB spraying	Yes			
Shell material	Engineering plastic			
Shape size	204mm*150mm*37mm			
Cutout size	192mm*138mm			
Weight	0.5Kg			
Environmental specifications				
working Temperature	0 ~ 50℃			
working Humidity	10 ~ 90%RH（non-condensing）			
Storage temperature	-20 ~ 60℃			
Storage 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 V4.1 and above			

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