



GREEN Series HMI GH043/GH043E

Product Features:

- Industrial grade CPU, 800MHz, 128M DDR3
- 4.3", high-definition display, 16.77 million true colors;
- Built-in isolated power to enhance reliability;
- Main board three-defence treatment to effectively deal with complex environment.



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 GH043/GH043E



Model	GH043	GH043E	Mechanical Dimensions (Unit: mm)
Performance specification			
Display size	4.3" TFT		
Display area	95.04mm(W)x53.86mm(H)		
Resolution	480*272 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	300cd/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 + 1 SD Card	
Print port	USB Host	USB Host/serial port	
Ethernet	USB Host/serial port	USB Host/serial port	
Program download	None	10/100M self-adaption	
Communication port	USB Slave(Type B)/U disk	USB Slave(Type B) /U disk/Ethernet	
Serial port isolation	COM0:RS232/RS485/RS422; COM2:RS232	COM0:RS232/RS485/RS422; COM2:RS232	
Electrical specifications	None	None	
Input power supply			
Rated power	DC10.8V ~ DC28V,Built-in isolation power supply		
Allowable loss of power	3.5W @24V DC		
Insulation resistance	<3ms		
Hi-pot test	Over 50MΩ@500V DC 500 VAC 1 minute		
PCB			
Shell material	exquisite spray		
Shape size	Engineering plastic		
Cutout size	154mm*89mm*60mm		
Weight	146mm*81mm		
Environmental specifications	0.4Kg		
Working Temperature			
Working Humidity	-20 ~ 55°C		
Storage Temperature	10 ~ 90% RH (non-condensing)		
Storage Humidity	-25 ~ 60°C		
Sine vibration test	10 ~ 90% RH (non-condensing)		
Cooling mode	10 ~ 500Hz, 30m/s ² , X, Y, Z direction/hour		
Product certification	Natural air cooling		
Panel protection grade			
CE authentication	Conforming to IP65 certification(4208—93)		
Software	EN61000-6-4:2007+A1:2011, EN61000-6-2:2005		
Configuration software	Kinco DTools V3.2 and above		