



# GREEN Series HMI

## GH043U2/GH043EU2

### Product Features :

- 4.3", high-definition display, 16.77 million true colors;
- Double USB Host design, USB interface device or U disk can be connected before and after;
- The front panel protection level meets IP65 certification requirements;
- 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 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.

## GREEN Series HMI GH043U2/GH043EU2



Type	GH043U2	GH043EU2
<b>Performance specification</b>		
Display size	4.3" TFT	
Display area	95.04(W)x53.86(H)	
Resolution	480*272 pixel	
Display color	16.77M color	
Display angle of view	70/70/50/70(left/right/up/down )	
Contrast ratio	500:1	
Backlight	LED	
Brightness	300cd/m <sup>2</sup>	
Backlight life	More than 30000 hours	
Touch panel	4wire precision resistance network( surface hardness 4H)	
CPU	ARM RISC 32Bit 800MHz	
Storage	128MB NAND Flash Memory+128MB DDR3 Memory	
RTC	Built-in	
Memory extension	2 USB Host	2 USB Host + 1 SD Card
Printer port	USB Host*2/Serial port	USB Host*2/Serial port
Ethernet	None	10/100M self-adaption
Program download	USB Slave(Type B)/U disk	USB Slave(Type B) /U disk/Ethernet port
Communication port	COM0:RS232/RS485/RS422; COM2:RS232	COM0:RS232/RS485/RS422; COM2:RS232
Serial port isolation	None	None
<b>Electrical specification</b>		
Rated voltage	DC10.8V ~ DC28V, built-in isolated power supply	
Rated power	3.5W	
Allowable loss of power	<3ms	
Insulation resistance	Greater than 50MΩ@500V DC	
Hi-pot test	500 VAC 1minute	
<b>Structure specification</b>		
Shell material	Engineering plastic	
Dimensions(mm)	154mm*89mm*60mm	
Cutout size(mm)	146mm*81mm	
Weight	0.4Kg	
<b>Environment specification</b>		
Temperature of working environment	-25 ~ 55°C	
Humidity of working environment	10 ~ 90%RH( non-condensing)	
Storage environment temperature	-25 ~ 60°C	
Storage environment humidity	10 ~ 90%RH( non-condensing)	
Sine vibration test	10~500Hz ,30m/s <sup>2</sup> ,X,Y,Z direction/hour	
Cooling method	Natural air cooling	
<b>Certification</b>		
Panel protection grade	Conforming to Ip65 certification (4208—93)	
CE authentication	Comply with EN61000-6-4:2007+A1:2011,EN61000-6-2:2005	
<b>Software</b>		
Configuration software	Kinco DTools V3.3 and above	

Dimensions(mm)

