GREEN Series HMI

GL070/GL070E

Product Features：

- Industrial grade CPU, 800MHz, 128M DDR3;
- 7", 16.77 million true colors;
- Perfect chose for general application;
- Sealing design of buckle for waterproof and oil resistance.

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

It supports four languages versions of Chinese, English, Korean and Russian.
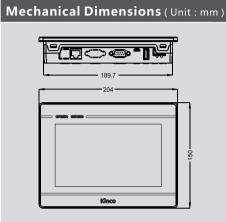The configuration design content supports all fonts installed in computer system.
It supports cloud monitoring. VNC achieves interoperation between HMI and HMI, HMI and PC, mobile phones(or other terminals), supports convenient components such as installment, PDF browsing and operating log records for designing guiding interface.
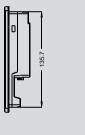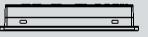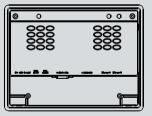 It is the humanized design and easy to use.

Kinco

GREEN Series HMI
GL070/GL070E

Model	GL070	GL070E	Mechanical Dimensions (Unit : mm)
Performance specification			
Display size	7"TFT		
Display area	154.08mm(W)x85.92mm(H)		
Resolution	800*480 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	$250cd/m^2$		
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	10/100M self-adaption	
Program download	USB Slave(Micro USB) /U disk	USB Slave(Micro USB) /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℃		
Humidity of working environment	10 ~ 90 % RH（non-condensing）		
Storage environment temperature	-20 ~ 60℃		
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)

189.7

204

150

37.2

35

6.5 (Contain seal ring)

135.7

192

R2

Cutout Size

138