Kinco

GREEN Series HMI

GL100/GL100E

Product Features:

- Industrial grade CPU, 800MHz, 128M DDR3
- 10.1", high-definition display, 16.77 million true colors;
- The front panel protection level meets IP65 certification requirements;
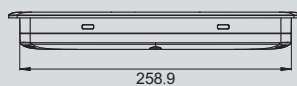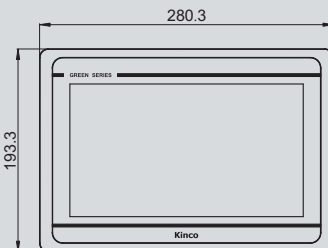- Sealing design of buckle for waterproof and oil resistance.

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.

GREEN Series HMI
GL100/GL100E

- Preferred model for 10"general use
- A non-hollow mask is more effective against oil pollution
- Beautiful appearance, ultra-thin body
- High cost-effective

Mechanical Dimensions (Unit : mm)

258.9

280.3

193.3

35.5 5.5

177.9

261

180

Cut-out size

Model	GL100	GL100E
Performance specification		
Display size	10.1"TFT	
Display area	222.72mm(W)x125.28mm(H)	
Resolution	1024*600 pixels	
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	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	
Rated power	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	280mm*193mm*36mm	
Cutout size	261mm*180mm	
Weight	0.9Kg	
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	

Kinco®Automation

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