GREEN Serise HMI GT IOT

GT070HE/GT070HE-4G/GT070HE-WiFi

Product Features：

- Industrial CPU, main frequency 800MHz;
- 7 ", HD Display, 16.77M true colors;
- Support Ethernet, built-in 4G / WiFi ;
- Powerful script function, support edge computing;
- Built in Internet of things, supporting remote services:
  ▷ Remote HMI function Upload / Download;
  ▷ Remote transmission PLC program Upload / Download;
  ▷ Remote transmission online debugging PLC program;
  ▷ Remote desktop monitoring
- The new generation of Kinco Dtools configuration software is powerful and easy to use.

The GREEN series cooperates with new generation free configuration software: **Kinco DTools.**
It supports four languages versions of Chinese, Traditional Chinese, English and Korean.
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

GT070HE/GT070HE-4G/GT070HE-WiFi

7",HD Display, 16.77 Million true colors；

Support Ethernet, built-in 4G / WiFi ；

Edge computing is supported;

Built in Internet of things function, supporting remote service.

Mechanical Dimensions (Unit : mm)

Model	GT070HE	GT070HE-4G	GT070HE-WiFi
Performance specification			
Display size	7"TFT		
Display area	154.21mm(W)x85.92mm(H)		
Resolution	1024*600 pixel		
Display color	16.7M color		
Display angle of view	85/85/85/85(left/right/up/down)		
Contrast ratio	800:1		
Backlight	LED		
Brightness	450cd/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		
Network access	Ethernet	Ethernet, 2G / 3G / 4G wireless communication	Ethernet,Wi-Fi
Program download	USB Slave(Micro USB)/USB/Ethernet		
Wi-Fi / WLAN	None	LTE-FDD Band 1/3/5/8, LTE-TDD Band 38/39/40/41 UMTS Band 1/8 GSM Band 3/8	IEEE802.11 b/g/n 802.11b:max 17dBm 802.11g:max 17dBm 802.11n:max 17dBm
VPN	Support HMI remote upload, download and screen monitoring, support PLC transparent transmission program upload, download and monitoring		
Ethernet	One 10 / 100MHz adaptive port		
Communication port	COM0:RS232/RS485/RS422; COM2:RS232		
Electrical specifications			
Input power supply	DC10.8V ~ DC28V		
Rated power	4.2W @DC24V		
Allowable loss of power	<3ms		
Insulation resistance	Over 50MΩ@500V DC		
Hi-pot test	500 VAC 1 minute		
Structure specifications			
PCB	none of spraying		
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）		
Sinusoidal 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 V3.5.1 and above version		

189.7

204

150

37.2

35

6.5(Include sealing ring)

135.7

192

R2

Cut-out size

138

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