



GREEN Serie HMI **GT IOT**

GT070E/GT070E-4G/GT070E-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 eight 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 installation, PDF browsing and operating log records for designing guiding interface. It is the humanized design and easy to use.

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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.



| Model | GT070E | GT070E-4G | GT070E-WiFi |
|-------------------------------------|---|--|---|
| Performance specification | | | |
| Display size | 7" TFT | | |
| Display area | 154.08mm(W)x85.92mm(H) | | |
| Resolution | 800*480 pixel | | |
| Display color | 16.7M color | | |
| Display angle of view | 70/70/60/70(left/right/up/down) RDH10 | | |
| 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 | | |
| 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 TD-SCDMA Band 34/39, UMTS BC0,EVDO Bc0, CDMA1x BC0,GSM Band 3/5/8 | 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°C | | |
| Working Humidity | 10 ~ 90%RH (non-condensing) | | |
| Storage temperature | -20 ~ 60°C | | |
| 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 V3.5.0 and above version | | |

Mechanical Dimensions (Unit : mm)

