GREEN SERIES

Kinco

# Kinco's new Gen industrial HMI

## GREEN Series2nd Gen.Industrial HMI

## G2070HE/G2070HE-WIFI/G2070HE2

**Product Features**

7-inch 1024*600 high-definition display with 16 million true colors.

85/85/85/85 wide viewing angle display.

Quad-core CPU with 512MB memory and 4GB flash storage.

Single Ethernet port plus three serial ports, supporting dual RS485 applications.

Based on the latest Kinco DToolsPro configuration software.

**Kinco new generation configuration software:Kinco DToolsPro**

Office-style interface with a fresh and modern look

Tag variable configuration mode that is closer to ST language programming habits

Template configuration for a more efficient development experience

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## G2070HE/G2070HE-WIFI/G2070HE2

| Model specification | G2070HE | G2070HE-WIFI | G2070HE2 |
|---|---|---|---|
| **Performance specifications** | | | |
| Display size | | 7"TFT | |
| Display area | | 154.21(H)×85.92(V) | |
| Resolution | | 1024*600 pixel | |
| Display color | | 16.77 million true colors | |
| Display viewing angle | | 85/85/85/85(left/right/up/down) | |
| Contrast ratio | | 800:1 | |
| Backlight | | LED | |
| Brightness | | 450cd/m2 | |
| Backlight life | | 30000 hours | |
| Touch Panel | | 4 line precision resistance network (surface hardness 4H) | |
| CPU | | Quad-core ARM 1.5GHz | |
| Memory | | 4GB eMMC+512MB RAM | |
| RTC | | Built-in | |
| Extensible memory | | 1 USB Host | |
| Print port | | USB Host/serial port | |
| Ethernet | | Lan0:10/100Mbps | Lan0:10/100Mbps; Lan1:10/100Mbps |
| Program download | | USB Slave(Type-C)/U disk/Ethernet port | |
| Network access | Ethernet | Ethernet/WIFI | Ethernet |
| Wi-Fi/wireless network band | None | IEEE802.11 b/g/n;802.11b:max 17dBm 802.11g:max 17dBm ;802.11n:max 17dBm | None |
| VPN | | Support HMI remote upload, download and screen monitoring, support PLC transparent transmission program upload, download and monitoring | |
| Communication port | | COM0:RS232/RS485/RS422;COM1:RS485/RS422;COM2:RS232 | |
| **Electrical specifications** | | | |
| Input power supply | | DC18V～DC28V | |
| Rated power | | 7W@DC 24V | |
| Allowable loss of power | | ＜3ms | |
| Insulation resistance | | Over 50MΩ@500V DC | |
| Pressure resistance test | | 500V AC 1minute | |
| **Structure specifications** | | | |
| PCB | | None | |
| Shell material | | Engineering plastic | |
| Overall dimension (mm) | | 204mm*150mm*37mm | |
| Cut-out dimension (mm) | | 192mm*138mm | |
| Weight(kg) | | 0.5Kg | |
| **Environmental specification** | | | |
| Working temperature | | 0～50℃ | |
| Working humidity | | 10～90%RH (Non-condensing) | |
| Storage temperature | | -20～60℃ | |
| Storage 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 requirements | |
| CE certificate | | EN61000-6-4：2007+A1:2011, EN61000-6-2：2005） | |
| **Software** | | | |
| Configuration software | | Kinco Dtools Pro | |



## Kinco®Automation

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