



# Kinco's new Gen industrial HMI

## GREEN Series 2nd Gen. Industrial HMI

### G2100E/G2100E-WIFI/G2100E2

#### Product Features

- 10.1-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.
- Three serial ports, supporting dual RS485 applications.
- Rear cable exit design, cable plug and unplug without interference.
- 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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### G2100E/G2100E-WIFI/G2100E2



Model specification	G2100E	G2100E-WIFI	G2100E2
<b>Performance specifications</b>			
Display size	10.1" TFT		
Display area	222.72(H) × 125.28(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	500:1		
Backlight	LED		
Brightness	300cd/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;COM2:RS232		
<b>Electrical specifications</b>			
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		
<b>Structure specifications</b>			
PCB	None		
Shell material	Engineering plastic		
Overall dimension (mm)	271mm*191mm*36mm		
Cut-out dimension (mm)	260mm*179mm		
Weight(kg)	0.9Kg		
<b>Environmental specification</b>			
Working temperature	0~50°C		
Working humidity	10~90%RH (Non-condensing)		
Storage temperature	-20~60°C		
Storage humidity	10~90%RH (Non-condensing)		
Sine vibration test	10 ~500Hz,30m/s <sup>2</sup> , X,Y,Z direction/hour		
Cooling mode	Natural air cooling		
<b>Product certification</b>			
Panel protection grade	Conforming to IP65 requirements		
CE certificate	EN61000-6-4:2007+A1:2011, EN61000-6-2:2005)		
<b>Software</b>			
Configuration software	Kinco Dtools Pro		

