



# 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		

