

# Kinco's new Gen industrial HMI

## GREEN Series 2nd Gen HMI

### GL2100E/GL2100E-WIFI/GL2100E-4G

#### Product Features

10.1-inch 1024\*600 high-definition display with 16.2 million true colors.

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

Dual-core CPU with 256MB memory and 4GB flash storage.

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

Rear cable exit design, worry-free cable plugging and unplugging.

Multiple networking options, Ethernet/Wi-Fi/4G to choose from freely.

Based on the latest EdgeAccess 2.0 version, enjoy seamless IoT connectivity.

Based on the latest Kinco Dtools Pro configuration software.

#### Kinco new generation configuration software: Kinco Dtools Pro

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

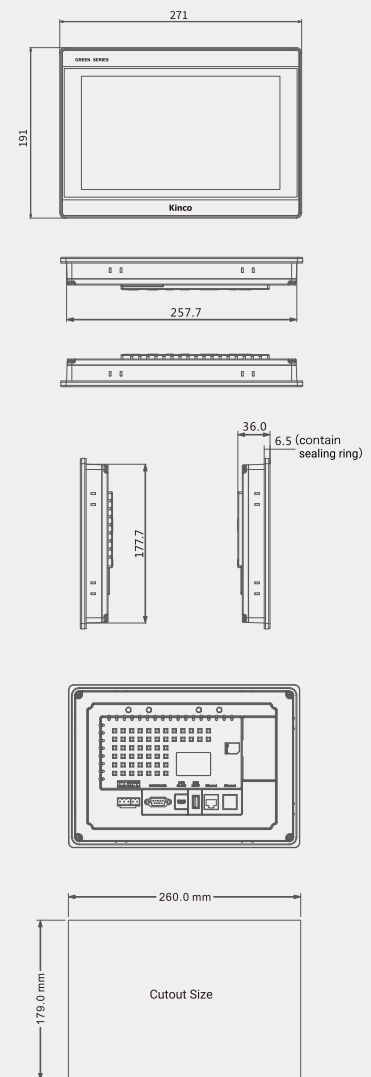


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### GL2100E/GL2100E-WIFI/GL2100E-4G



Model specification	GL2100E	GL2100E-WIFI	GL2100E-4G
<b>Performance specifications</b>			
Display size	10.1" TFT		
Display area	222.72(H)×125.28(V)		
Resolution	1024*600 pixel		
Display color	16.2 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	ARMCort ex-A7DualCore 1GHz		
Memory	4GB eMMC+256MB RAM		
RTC	Built-in		
Extensible memory	1 USB Host,1 USB Slave(Type-C)		
Print port	USB Host/serial port		
Ethernet	10/100 Mbps		
Program download	USB Slave (Type-C)/U disk/Ethernet port		
Network access	Ethernet	Ethernet/WiFi	Ethernet/4G
Wi-Fi/wireless network band	None	"IEEE802.11 b/g/n:802.11b:max 17dBm ; 802.11g:max 17dBm; 802.11n:max 17dBm"	"LTE-FDD Band 1/3/5/8, LTE-TDD Band 38/39/40/41 UMTS Band 1/8 GSM Band 3/8"
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	DC10.8V ~DC28V		
Rated power	6W@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 DToolsPro V1.7.5 or above		



## Kinco® Automation

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