



Kinco New Industrial HMI

2nd Gen GL2101E/GL2101E-WIFI/GL2101E-4G

Product Features

- 10.1" 1024 x 600 screen with 16.7 million colors and 85/85/85/85 wide viewing angle
- Quad-core processor, up to 1.5 GHz; 128MB RAM + 256MB flash
- One Ethernet port + three serial ports, two of which support RS485
- Flexible network access: Ethernet / Wi-Fi / 4G
- Bottom cable exit design for back space saving
- Compatible with the latest Kinco DToolsPro configuration software and EdgeAccess 2.0

Kinco Configuration Software: **Kinco DToolsPro**

- Modern Office-style software
- Tag variable configuration mode – Structured Text (ST) programming friendly
- Template-based configuration for higher efficiency

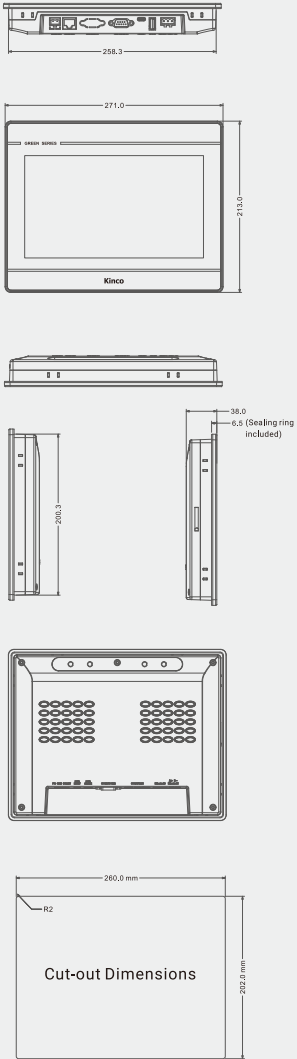


* Note: This is a preliminary product preview. Model numbers and specifications are subject to change upon official release. Expected launch date: GL2101E: 2026-Q4; GL2101E-WIFI / GL2101E-4G: 2027-Q1

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Model/Specification	GL2101E	GL2101E-WIFI	GL2101E-4G	Dimensions (mm)
Performance				
Display Size	10.1" TFT			
Display Area (W x H)	222.72 x 125.28 mm			
Resolution	1024*600			
Colors	16.7 million			
Viewing Angle (T/B/L/R)	85/85/85/85			
Contrast Ratio	800:1			
Backlight	LED			
Brightness	300 cd/m ²			
Backlight Life Time	30000 hours			
Touch Panel	4-wire resistive type (surface hardness: 3H)			
CPU	Quad-core ARM 1.5GHz (Previous version GL2_V0: Dual-core ARM 1GHz)			
Memory	128MB DDR3 + 256MB NAND (Previous version GL2_V0: 256MB RAM + 4GB eMMC)			
RTC	Built-in			
Expandable Memory	1*USB Host, 1*USB Slave (Type-C)			
Printer Port	USB Host / Serial Port			
Ethernet	LAN0:10/100 Mps			
Program Download	USB Slave (Type-C) / U disk / Ethernet port			
Network Access	Ethernet port	Ethernet port /WIFI	Ethernet port /4G	
Wi-Fi	None	IEEE 802.11 b/g/n	LTE-FDD Band 1/3/5/8, LTE-TDD Band 34/38/39/40/41	
Remote Access	HMI remote upload, download, and monitoring; PLC pass-through programming for program upload, download, and monitoring			
Communication Port	COM0:RS232/RS485/RS422; COM1:RS485; COM2:RS232			
Power				
Input Power	DC10.8V ~ 28V			
Power Consumption	6W@24VDC			
Voltage Interruption Immunity	<3ms			
Insulation Resistance	Over 50MΩ@500VDC			
Dielectric Resistance	500V AC, 1 minute			
Structure				
Enclosure	Engineering plastic			
Dimension (W x H x D)	271 x 213 x 38 mm			
Cut-out Dimensions	260 x 202 mm			
Weight	1.1 kg			
Environment				
Operating Temperature	0 ~50℃			
Operating Humidity	10~90%RH (Non-condensing)			
Storage Temperature	-20~60℃			
Storage Humidity	10~90%RH (Non-condensing)			
Vibration Resistance	10-500Hz, 30m/s ² , 1 hour each for X, Y, Z directions			
Cooling Method	Natural air circulation			
Certification				
Panel Protection Grade	Front panel: IP65			
CE Certificate	Passed			
Software				
Configuration Software	Kinco DTools Pro V1.20 and above			

Kinco® Automation

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