

Kinco's new Gen industrial HMI

GREEN Series2nd Gen HMI

GL2101E/GL2101E-WIFI/GL2101E-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.

Bottom cable exit design, saving back space.

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

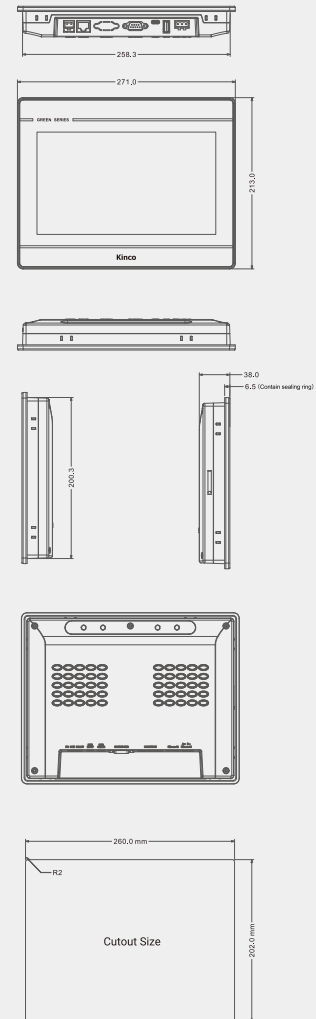


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Model specification	GL2101E	GL2101E-WIFI	GL2101E-4G
Performance specifications			
Display size	10.1" TFT		
Display area	222.72(H) × 125.28(V)		
Resolution	1024*600 pixel		
Display color	16.2 million true colors		
Display viewing angle	85/85/85/85 (left/right/up/down)		
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"		
Electrical specifications			
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		
Structure specifications			
PCB	None		
Shell material	Engineering plastic		
Overall dimension (mm)	271mm*213mm*38mm		
Cut-out dimension (mm)	260mm*202mm		
Weight(kg)	1.1kg		
Environmental specification			
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 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 DToolsPro V1.7.5 or above		



Kinco® Automation

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