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Kinco

Kinco New Industrial HMI

GREEN Series 2 Industrial HMI

GL2100E/GL2100E-WIFI/GL2100E-4G

Product Features

- 10.1" 1024*600 HD display with 16.2 million colors
- 85/85/85/85 wide viewing angle
- Dual-core CPU with 256MB RAM and 4GB eMMC
- One Ethernet port + three serial ports, two of which support RS485
- Rear cable exit design for easy cable connection
- Multiple network access options: Ethernet/Wi-Fi/4G
- Compatible with the latest Kinco DToolsPro configuration software and EdgeAccess2

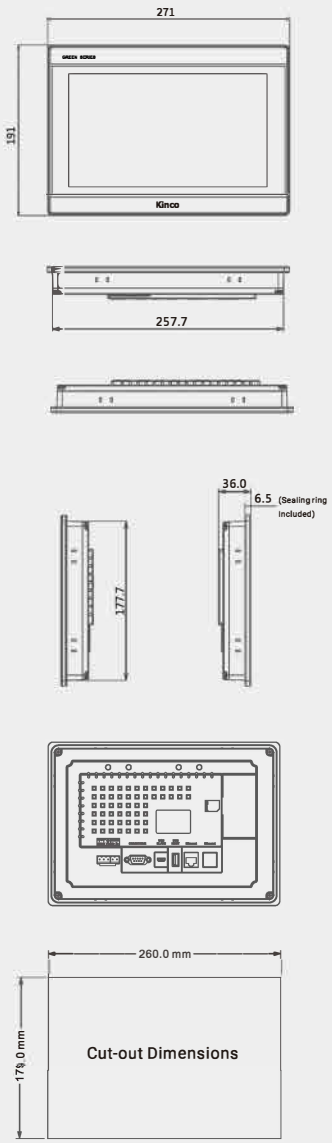
Kinco new generation configuration software:Kinco DToolsPro

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

GREEN Series 2 Industrial HMI
GL2100E/GL2100E-WIFI/GL2100E-4G

Model/Specification	GL2100E	GL2100E-WIFI	GL2100E-4G
Performance			
Display Size	10.1" TET		
Display Area (W x H)	222.72 x 125.28 mm		
Resolution	1024*600		
Colors	16.2 million		
Viewing Angle (T/B/L/R)	85/85/85/85		
Contrast Ratio	500:1		
Backlight	LED		
Brightness	300 cd/m²		
Backlight Life Time	30000 hours		
Touch Panel	4-wire resistive type (surface hardness: 4H)		
CPU	Dual-core ARM 1 GHz		
Memory	256MB RAM + 4GB eMMC		
RTC	Built-in		
Expandable Memory	1*USB Host, USB Slave (Type-C)		
Printer 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	None	IEE802.11 b/g/n	LTE-FDD Band 1/3/5/8, LTE-TDD Band 34/38/39/40/41
VPN	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@DC 24V		
Voltage Interruption Immunity	<3ms		
Insulation Resistance	Over 50MΩ@500V DC		
Dielectric Resistance	500V AC 1 minute		
Structure			
Enclosure	Engineering plastic		
Dimensions (W x H x D)	271 x 191 x 36 mm		
Cut-out Dimensions	260 x 179 mm		
Mounting	Panel mounting		
Weight	0.9 kg		
Environment			
Operating Temperature	0 ~50°C		
Operating Humidity	10~90%RH (Non-condensing)		
Storage Temperature	-20~60°C		
Storage Humidity	10~90%RH (Non-condensing)		
Vibration Resistance	10 ~500Hz, 30m/s², 1 hour each for X, Y, Z directions		
Cooling Method	Natural air circulation		
Certification			
Panel Protection Grade	Front panel: IP65		
CE Certificate	EN61000-6-4:2019, EN61000-6-2:2019		
Software			
Configuration Software	Kinco DToolsPro		

Dimensions (mm)



Kinco® Automation

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