



Kinco New Industrial HMI

2nd Gen GL2070HE/GL2070HE-WIFI/GL2070HE-4G

Product Features

- 7" 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 prot / Wi-Fi / 4G
- Compatible with the latest Kinco DToolsPro configuration software and EdgeAccess 2.0

Kinco Configuration Software: **Kinco DToolsPro**

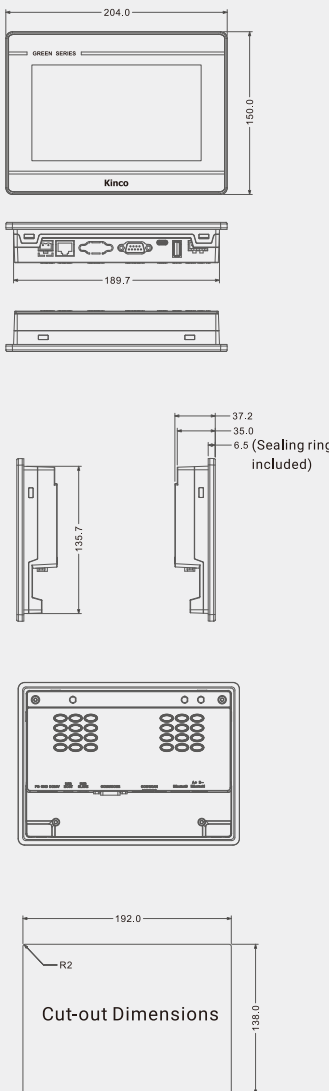
- Modern Office-style software
- Tag variable configuration mode – Structured Text (ST) programming friendly
- Template-based configuration for higher efficiency



* Note: This is a preliminary product preview. Model numbers and specifications are subject to change upon official release. Expected launch date: GL2070HE: 2026-Q4; GL2070HE-WIFI / GL2070HE-4G: 2027-Q1

Kinco New Industrial HMI

**2nd Gen GL2070HE/GL2070HE-WIFI/
GL2070HE-4G**

Model/Specification	GL2070HE	GL2070HE-WIFI	GL2070HE-4G	Dimensions (mm)	
Performance					
Display Size	7" TFT				
Display Area (W x H)	154.21 x 85.92 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	450 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 Mbps				
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	4.2W@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)	204 x 150 x 37 mm				
Cut-out Dimensions	192 x 138 mm				
Weight	0.5 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/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

www.kincoautomation.com Email: sales@kincoautomation.com

(All trademarks and logos in this brochure are property of and registered by their respective owners.)

*** Note: This is a preliminary product preview. Model numbers and specifications are subject to change upon official release. Expected launch date: GL2070HE: 2026-Q4; GL2070HE-WIFI / GL2070HE-4G: 2027-Q1**