



Kinco New Industrial HMI

Waterproof Series HMI

GL2100E-WIFI-LRF

Product Features

- **HD Display:** 10.1" 1024*600 screen with 16.7 million colors and 85/85/85/85 wide viewing angle
- **Powerful Performance:** Dual-core 1.0GHz CPU with 128MB RAM and 256MB flash
- **Built for Harsh Environments:** IP65 certified, with isolated power&serial ports, and PCB coating
- **Flexible Installation:** Available with panel mounting or VESA bracket mounting options
- **Software:** Compatible with the latest Kinco DTools Pro configuration software and EdgeAccess 2.0

Kinco Configuration Software: **Kinco DToolsPro**

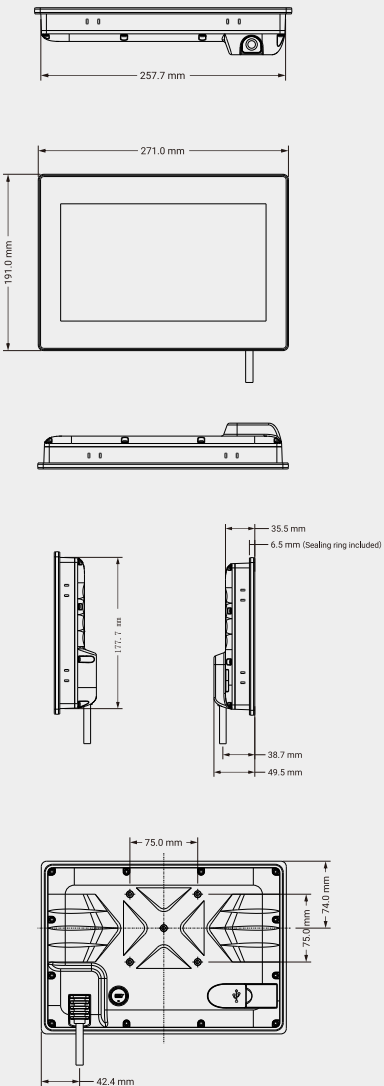
- Modern Office-style software
- Tag variable configuration mode – Structured Text (ST) programming friendly
- Template-based configuration for higher efficiency



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Model/Specification	GL2100E-WIFI-LRF	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/m2	
Backlight Life Time	30000 hours	
Touch Panel	4-wire resistive type	
CPU	Dual-core ARM 1 GHz	
Memory	128MB DDR + 256MB NAND	
RTC	Built-in	
Expandable Memory	1*USB Host	
Printer Port	USB Host / Serial Port	
Ethernet	LAN0:10/100Mbps	
Program Download	U disk / Ethernet port	
Network Access	Ethernet port / Wi-Fi (built-in antenna)	
Wi-Fi	IEEE 802.11 b/g/n	
VPN	HMI remote upload, download, and monitoring; PLC pass-through programming for program upload, download, and monitoring	
Communication Port	COM0:RS232/RS485; COM2:RS232 (isolated)	
Power		
Input Power	DC10V ~ 28V (power isolation)	
Power Consumption	6.72W@DC 24V	
Voltage Interruption Immunity	<3ms	
Insulation Resistance	Over 50MΩ@500V DC	
Dielectric Resistance	500V AC 1 minute	
Structure		
PCB Coating	Yes	
Enclosure	Engineering plastic	
Dimension (W x H x D)	271 x 191 x 49.5 mm	
Cut-out Dimensions	260 x 180 mm	
Cable	5-meter 14-core flexible cable	
Mounting	Panel mounting & VESA mounting (75 x 75 mm)	
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	Whole unit: IP65	
Software		
Configuration Software	Kinco DTools Pro	