



Kinco's new Gen industrial HMI

GREEN Series 2nd Gen HMI

GL2043HE

Product Features

4.3-inch 800*480 high definition display with 16.77 million true colors

80/80/80/80 wide viewing angle display

Dual-core CPU with 256MB memory and 4GB flash storage

Standard with a network port and dual serial ports, offering rich interfaces

Based on the latest KincoDTools Pro configuration software & EdgeAccess2 remote operation & maintenance platform

Kinco new generation configuration software: Kinco Dtools Pro

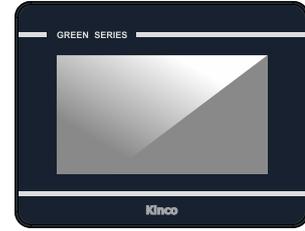
Office-style interface with a fresh and modern look

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	GL2043HE
Performance specifications	
Display size	4.3" TFT
Display area	95.04mm(H)x54.71mm(V)
Resolution	800*480 pixel
Display color	16.77 million true colors
Display viewing angle	80/80/80/80 (left/right/up/down)
Contrast ratio	1200:1
Backlight	LED
Brightness	350cd/m ²
Backlight life	30000 hours
Touch Panel	4 line precision resistance network (surface hardness 4H)
CPU	ARM Cortex-A7 dual core 1GHz
Memory	4GB eMMC+256MB RAM
RTC	Built-in
Extensible memory	None
Print port	Serial port
Ethernet	Lan0:10/100 Mbps
Program download	USB Slave (Type-C)/Ethernet port
Network access	Ethernet
VPN	Support HMI remote upload, download and screen monitoring, support PLC transparent transmission program upload, download and monitoring
Communication port	COM0:RS232/RS485/RS422; COM2:RS232
Electrical specifications	
Input power supply	DC10V ~DC28V
Rated power	2W@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)	132mm*102mm*33mm
Cut-out dimension (mm)	119mm*93mm
Weight(kg)	0.21kg
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, EN61000-6-2:2019
Software	
Configuration software	Kinco DTools Pro

