



Kinco's new Gen industrial HMI

GREEN Series 2nd Gen. Industrial HMI

GR2070HE-LX

Product Features

7-inch 1024*600 high definition display with 16.77 million true colors

85/85/85/85 wide viewing angle display

Quad-core CPU with 512MB memory and 4GB flash storage

Capacitive touch panel, for smoother and more fluid operation.

Shell-less design, with embedded installation for an elegant and sophisticated look.

Based on the latest Kinco DTools 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

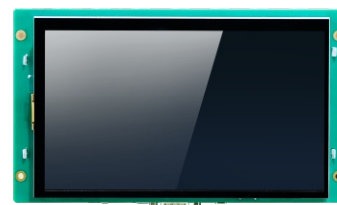
Tag variable configuration mode that is closer to ST language programming habits

Template configuration for a more efficient development experience



Kinco's new Gen industrial HMI

GR2070HE-LX



Model/Specification	GR2070HE-LX
Performance specifications	
Display size	7" TFT
Display area	154.21(H) × 85.92(V)
Resolution	1024*600 pixel
Display color	16.77 million true colors
Display viewing angle	85/85/85/85 (left/right/up/down)
Contrast ratio	800:1
Backlight	LED
Brightness	450cd/m ²
Backlight life	30000 hours
Touch Panel	Reinforced glass capacitive touch panel
CPU	ARM Cortex-A53 quad core 1.5GHz
Memory	4GB eMMC+512MB RAM
RTC	Built-in
Extensible memory	1 USB Host
Print port	USB Host/serial port
Ethernet	LAN0:10/100Mbps
Program download	USB Slave (Type-C)/U disk/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;COM1:RS485;COM2:RS232
Electrical specifications	
Input power supply	DC18V ~DC28V
Rated power	7W@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	Metal
Overall dimension (mm)	190mm*110mm*29.65mm
Cut-out dimension (mm)	154.08mm*85.92mm
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	EN IEC 61000-6-2:2019, EN IEC 61000-6-4:2019
Software	
Configuration software	Kinco DTools Pro

Mechanical Dimensions (Unit: mm)

