



MR2070H/MR2070HE

Front shell-free HMI

Product Features

7" HD display

excellent performance with dual-core 1GHz CPU

Single wire harness design, serial port and power supply integration

good-looking and convenient embedded compact installation design, saving spaces

Network port + serial port + USB (OTG can be connected to USB), multiple methods to download program

With Kinco DTools configuration software, powerful and easy to use



Kinco's new generation configuration software: Kinco DTools

Kinco DTools supports 8 languages including Simplified Chinese, Traditional Chinese, English, Korean, German, Russian, Turkish, and Arabic.

The configuration design content supports all fonts installed in the computer system.

It supports remote cloud monitoring, VNC interoperation such as HMI-HMI, HMI-computer, HMI-mobile phone (or other terminals). It also supports installment payment, PDF browsing, operation log recording and other convenient control design wizards. It has a user-friendly guidance interface and user-friendly design to help you master this quickly.

Front shell-free HMI

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Model specification	MR2070H	MR2070HE
Display size	7" TFT	
Display area	154.21(H)×85.92(V)	
Resolution	1024*600 pixel	
Display color	16.77M	
Display viewing angle	85/85/85/85 (left/right/up/down)	
Contrast ratio	800:1	
Backlight	LED	
Brightness	450cd/m2	
Backlight life	30000 hours	
Touch Panel	4 line precision resistance network (surface hardness 4H)	
CPU	ARM Cortex-A7 Dual-core 1GHz	
Memory	256 NAND Flash Memory + 128MB DDR3 Memory	
RTC	Built-in	
Extensible memory	1 USB Host	
Print port	USB Host/serial port	
Ethernet	None	LAN0:10/100 Mbps
Program download	USB slave(type-c)/ serial port	
Com port	COM0:RS485; COM2:RS232	
Electrical specifications		
Input power supply	DC10.8V ~DC28V	
Rated power	4.2W@DC 24V	
Allowable loss of power	<3ms	
Insulation resistance	Over 50MΩ@500V DC	
Pressure resistance test	500V AC 1minute	
PCB	Non	
Shell material	Metal	
Overall dimension (mm)	109.4×110×30	
Cut-out dimension (mm)	166×101	
Weight(kg)	0.3kg	
Environmental specification		
Working temperature	0 ~50℃	
Working humidity	10~90%RH (Non-condensing)	
Storage temperature	-20~60℃	
Storage humidity	10~90%RH (Non-condensing)	
Sine vibration test	10 ~500Hz,30m/s², 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: 2005	
Software		
Configuration software	Kinco DTools V4.1 or above	

