



New Gen.Economy Series HMI

M2070H/M2070HE/M2070HE-WIFI

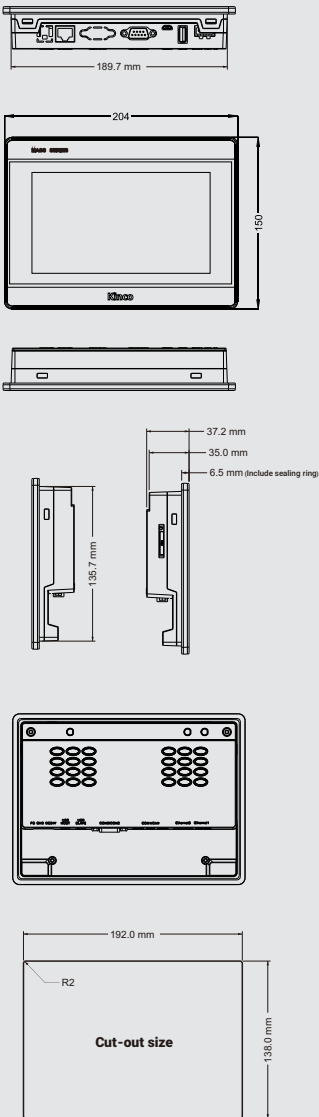
Product features:

- Dual-core 1GHz CPU for smoother operation
- 256MB storage for larger data storage
- HD display(1024*600)
- Full viewing angle display with 16 million colors
- High touch sensitivity
- Paired with Kinco Dtools configuration software for powerful and easy-to-use features

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Model specification	M2070H	M2070HE	M2070HE-WIFI	Mechanical Dimensions: Unit (mm)
Performance specifications				
Display size	7" TFT			
Display area	154.21(W) × 85.92(H)			
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/m2			
Backlight life	30000 hours			
Touch Panel	4 line precision resistance network (surface hardness 4H)			
CPU	ARMCort ex-A7DualCore 1GHz			
Memory	256MB NAND Flash+128MB DDR3 RAM			
RTC	Built-in			
Extensible memory	1 USB Host			
Print port	USB Host/serial port			
Ethernet	None	10/100Mbps		
Program download	USB Slave(Micro USB) /U disk	USB Slave(Micro USB) U disk/Ethernet port		
Network access	None	Ethernet	Ethernet/WIFI	
Wi-Fi/wireless network band	None	None	IEEE802.11 b/g/n;802.11b:max 17dBm 802.11g:max 17dBm;802.11n:max 17dBm	
VPN	None	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	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			
Structure specifications				
PCB	None			
Shell material	Engineering plastic			
Overall dimension (mm)	204mm*150mm*37mm			
Cut-out dimension (mm)	192mm*138mm			
Weight(kg)	0.5Kg			
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			