



New Gen.Economy Series HMI

M2100/M2100E/M2100E-WIFI

Product features

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

M2 Series HMI

M2100/M2100E/M2100E-WIFI



Model specification	M2100	M2100E	M2100E-WIFI
Performance specifications			
Display size	10.1" TFT		
Display area	222.72(H) × 125.28(V)		
Resolution	1024*600 pixel		
Display color	16.2 million true colors		
Display viewing angle	85/85/85/85(left/right/up/down)		
Contrast ratio	500:1		
Backlight	LED		
Brightness	300cd/m2		
Backlight life	30000 hours		
Touch Panel	4 line precision resistance network (surface hardness 4H)		
CPU	ARM Cortex-A7 Dual Core 1GHz		
Memory	256MBNAND FLASH+128MB RAM		
RTC	Built-in		
Extensible memory	1 USB Host		
Print port	USB Host/serial port		
Ethernet	None	10/100Mbps	
Program download	USB Slave/ U disk	USB Slave/ 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	6W@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)	271mm*191mm*36mm		
Cut-out dimension (mm)	260mm*179mm		
Weight(kg)	0.9Kg		
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, EN61000-6-2:2005)		
Software			
Configuration software	Kinco Dtools		

Mechanical Dimensions : Unit (mm)

