



New Gen. Economy Series HMI

MASS Series HMI

M2100/M2100E

Product features:

- Dual-core 1GHz CPU 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

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Model	M2100	M2100E
Performance specifications		
Display size	10" TFT	
Display area	222.72mm(W)*125.28mm(H)	
Resolution	1024*600 pixel	
Display color	16.2M	
Display viewing angle	85/85/85/85 (left/right/up/down)	
Contrast ratio	500:1	
Backlight	LED	
Brightness	300cd/m ²	
Backlight life	>30000hr	
Touch panel	4-wire precision resistance network (surface hardness 4H)	
CPU	ARM Cortex-A7 Dual Core 1GHz	
Memory	256MB NANDFlash +128MB RAM	
RTC	Built-in	
Extensible memory	1 USB Host	
Printer port	USB Host/ Serial port	
Ethernet	None	LAN0:10/100Mbps
Program download	USB Slave/U Disk	USB Slave/U Disk / Ethernet
COM port	COM0:RS232/RS485/RS422; COM1:RS485;COM2:RS232	
Electrical specifications		
Input voltage range	DC10.8V~DC28V	
Power consumption	6W@DC24V	
Allowable loss of power	<3ms	
Insulation resistance	Over50MΩ@500V DC	
Voltage resistance test	500 VAC 1Min	
Structural specifications		
PCB	None	
Shell material	Plastic	
Overall dimensions	280x193x36mm	
Cut-out size	260X179mm	
Weight	0.9Kg	
Environmental specifications		
Working temperature	0~50°C	
Working humidity	10~90%RH (non-condensing)	
Storage temperature	-20~60°C	
Storage humidity	10~90%RH (No condensation)	
Seismic resistance	10~500Hz, 30m/s ² , X,Y,Z direction/hour	
Cooling mode	Natural air cooling	
Product certification		
Panel protection grade	IP65 (4208—93))	
CE certification	EN6100-6-4:2007+A1:2011,EN61000-6-2:2005)	
Software		
Configuration software	KincoDToolsV4.0 and above versions	

Dimensional diagram (Unit: mm)

