

# Mass Series HMI IoT



## MT070/MT070E

### 产品特点：

- 7" , HD display , 256K color ;
- COM0 and COM1 support RS485 at the same time ;
- ARM RISC 32Bit 792MHz ;
- Installation buckle seal design, waterproof, oil proof ;
- The new generation of Kinco Dtools configuration software is powerful and easy to use..



The Mass series cooperates with new generation free configuration software: **Kinco Dtools**.

It supports eight languages versions of Chinese, Traditional Chinese, English ,Korean,Germany,Russia, Arabic and Turkey. The configuration design content supports all fonts installed in computer system.

It supports cloud monitoring. VNC achieves interoperation between HMI and HMI, HMI and PC, mobile phones(or other terminals), supports convenient components such as installment, PDF browsing and operating log records for designing guiding interface.It is the humanized design and easy to use.

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Model	MT070	MT070E
Performance specification		
Display size	7" TFT	
Display area	154.08mm(W)x85.92mm(H)	
Resolution	800*480 pixels	
Display color	256K color	
Display angle of view	70/70/50/70(left/right/up/down)	
Contrast ratio	500:1	
Backlight	LED	
Brightness	250cd/m <sup>2</sup>	
Backlight life	50000 hours	
Touch panel	4 line precision resistance network (surface hardness 4H)	
CPU	ARM RISC 32Bit 792MHz	
Storage	128MB NAND Flash Memory+64MB DDR2 Memory	
RTC	Built-in	
Extensible memory	1 USB Host	
Print port	USB Host/serial port	
Ethernet	None	10/100M self-adaption
Communication port	COM0:RS232/RS485/RS422; COM1:RS485;COM2:RS232	
Electrical specifications		
Input power supply	DC10.8V~DC28V	
Rated power	4.2W @24V DC	
Allowable loss of power	<3ms	
Insulation resistance	Over 50MΩ@500V DC	
Hi-pot test	500 VAC 1 minute	
Structure specifications		
PCB spraying	Yes	
Shell material	Engineering plastic	
Shape size	204mm*150mm*37mm	
Cutout size	192mm*138mm	
Weight	0.5Kg	
Environmental specifications		
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/s <sup>2</sup> , X, Y, Z direction/hour	
Cooling mode	Natural air cooling	
Product certification		
Panel protection grade	Conforming to IP65 certification(4208—93)	
CE authentication	EN61000-6-4:2007+A1:2011, EN61000-6-2:2005	
Software		
Configuration software	Kinco DTools V3.5.2and above version	

Mechanical Dimensions (Unit: mm)

