Mass Series HMI IoT

MT070/MT070E

产品特点：

- 7" , HD display , 256K color ;

- ARM RISC 32Bit 792MHz ;

- The new generation of Kinco Dtools configuration software is powerful and easy to use..

- COM0 and COM1 support RS485 at the same time ;

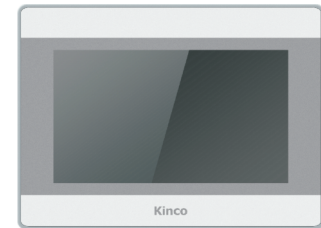- Installation buckle seal design, waterproof, oil proof ;

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.

Kinco

Mass series HMI IoT

MT070/MT070E

Model	MT070	MT070E	Mechanical Dimensions (Unit: mm)
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	$250cd/m^2$		
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, $30m/s^2$, 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		

Dimensions: 189.7, 204, 150, 135.7, 37.2, 35, 6.5(contain seal ring), 192, 138, R2, Contain Size