# Mass Series HMI  IoT

# MT100/MT100E

## 产品特点：

- 10.1" , 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

## MT100/MT100E



| Model | MT100 | MT100E | Mechanical Dimensions (Unit: mm) |
|---|---|---|---|
| **Performance specification** | | | |
| Display size | 10.1"TFT | | |
| Display area | 222.72mm(W)x125.28mm(H) | | |
| Resolution | 1024*600 pixels | | |
| Display color | 256K color | | |
| Display angle of view | 85/85/85/85(left/right/up/down) | | |
| Contrast ratio | 500:1 | | |
| Backlight | LED | | |
| Brightness | 300cd/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&Recipe memory | Built-in+256KB | | |
| Extensible memory | 1 USB Host | | |
| Print port | USB Slave/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 | 7W @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 | 271mm*213mm*38mm | | |
| Cutout size | 260mm*202mm | | |
| Weight | 1.1Kg | | |
| **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 | | |

# Kinco® Automation

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