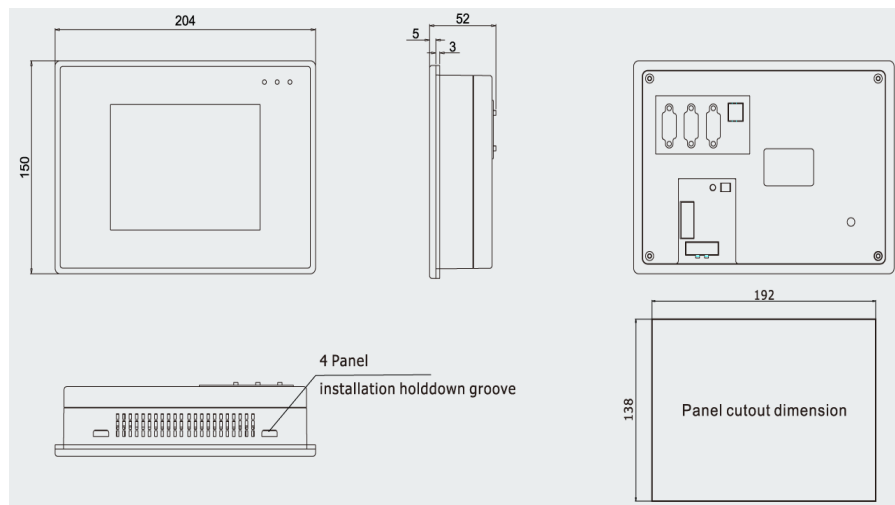**FEATURES**

- **65,536 True Color TFT LCD**
- **32-bit, 800 MHz RISC CPU**
- **8M FLASH + 16M SDRAM**
- **128 KB Recipe Memory, Record Data Easily**
- **Real-Time Clock, 2 Year Reserve Time when Powered Off**
- **2 COM Ports, Supports Simultaneous Communication; RS232/RS422/RS485**

DESCRIPTION

The MT4000 Series is a very powerful HMI product that will make your application soar. This HMI line comes with a 65536 color display mode that gives your touch screen rich color and incomparable resolution. With the application of a powerful 800 MHz 32-bit RISC processor, the MT4000 provides faster processing speeds. Each HMI supports simultaneous communications via its multiple serial ports, so that you may connect to different controllers at the same time. With the simple, convenient and powerful HMIware configuration software, the user can master its design method and create first-class programs efficiently.

DIMENSIONS

204

150

52

5

3

4 Panel
installation holddown groove

192

138

Panel cutout dimension

L010820

SPECIFICATIONS

Performance Specifications	
Display	5.6" TFT
Resolution	320 x 234 Pixels
Color	65,536 Colors
Backlight	LED
Brightness	300 cd/m²
Backlight Life	50,000 Hrs
Touch Panel	4-Wire Precision Resistance Network
Processor	32-bit RISC CPU 800 MHz
Memory	8M FLASH + 16M SDRAM
Recipe Memory & RTC	128KB + RTC
Printer Port	Serial Port
Ethernet	None
Program Download	USB Slave/Serial Port
COM Ports	COM0: RS232/RS485-2/RS485-4, COM2: RS232
Electrical Specifications	
Rated Power	4 W
Rated Voltage	24 VDC
Input Range	12~28 VDC
Power Down Allowed	< 5 ms
Insulation Resistance	> 50M Ω @ 500 VDC
Dielectric Strength Test	500 VAC 1 Minute
Structure Specifications	
Shell Color	Black
Shell Material	ABS
Dimensions(mm)	204 x 150 x 52
Cutout Size(mm)	192 x 138
Weight	0.75 Kg
Environment Specifications	
Operating Temperature	0°~50° C
Operating Humidity	10~90% Non-Condensing
Storage Temperature	-10°~60° C
Storage Humidity	10~90% Non-Condensing
Shockproof Test	10~25 Hz (X,Y, Z Direction, 2G, 30 Minutes)
Cooling Method	Natural Air Cooling
Certifications	
Degree of Protection	IP65 (Front Panel)
CE Certification	Comply with EN61000-6-2:2005 and EN61000-6-4:2007 Standards
FCC Compatibility	Complies with FCC Class A

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