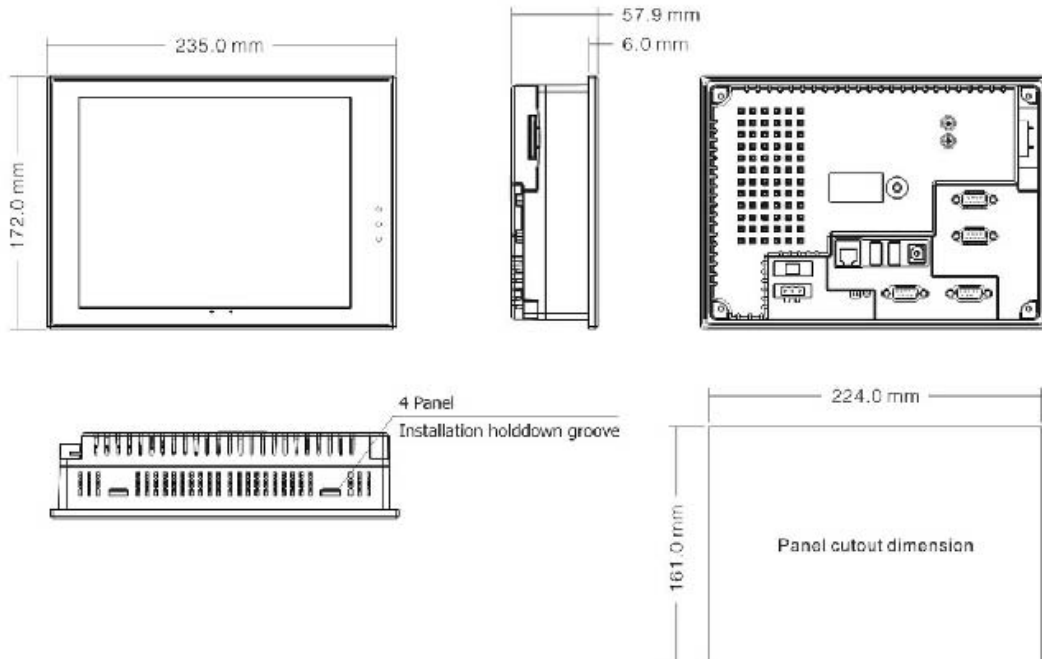## FEATURES

- *65536 True Color TFT LCD*
- *32 Bit, 520MHz RISC CPU*
- *32M FLASH+64M SDRAM*
- *512KB recipe memory, record date easily*
- *Real-Time clock, reserve time for more than 2 years at power off state*
- *3 COM port, supports Simultaneous Communications;RS232/RS422/RS485*

DESCRIPTION

The MT6000 Series touch-screen displays enhance your application with superb functionality along with exceptional color and resolution. The MT6000 HMI line comes with a 65536 color display and a powerful 520 MHz 32-bit RISC processor providing faster processing speeds. Each HMI supports simultaneous communications via its multiple serial ports, enabling communication with different controllers at the same time. Combined with the powerful PXA270 CPU and user-friendly Win CE operating system, the MT6000 brings you power and performance in one package.

DIMENSIONS

235.0 mm
172.0 mm
57.9 mm
6.0 mm

4 Panel
Installation holddown groove

224.0 mm
161.0 mm
Panel cutout dimension

L010834

SPECIFICATIONS

Peformance Specification	
Display	8" TFT
Resolution	640 x 480 Pixels
Color	65536 Colors
Backlight	1 CCFL
Brightness	350cd/m^2
Backlight Life	50000 Hrs.
Touch Panel	4-Wire Precision Resistance Network
Processor	32-bit RISC CPU 520MHz
Memory	32M FLASH, 64M SDRAM
Expandable Memory	1 USB host, 1 SD card
Recipe Memory & RTC	512KB & RTC
Printer Port	USB
Ethernet	10/100 Base-T
Audio Interface	1 Audio Output Interface
Program Download	USB Slave/Ethernet Port
COM Port	COM0:RS232/RS485-2/RS485-4, COM2:RS232/RS485-2/RS485-4
Video Interface	None
USB HOst	2 USB Host Ports for Keyboard, Mouse, Printer, and etc
Expansion Port	CANopen Interface Expansion Board
Electrical Specification	
Rated Power	10.8W
Rated Voltage	24 VDC
Input Range	21~28 VDC
Power Down Allowed	<5ms
Insulation Resistance	>50M Ω @500VDC
Dielectric Strength Test	500 VAC 1 Minute
Structure Specification	
Shell Color	Light-Grey
Shell Material	ABS
Dimensions(mm)	235x172x57.9
Cutout Size(mm)	224x161
Weight	1.27kg
Environment Specification	
Operating Temperature	0~45C
Operating Humidity	10~90% Non-Condensing
Storage Temperature	-10~60C
Storage Humidity	10~90% Non-Condensing
Shockproof Test	10~25Hz (X,Y,Z Direction, 2G, 30 Minutes)
Cooling Method	Natural Air Cooling
Certification	
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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