

FEATURES

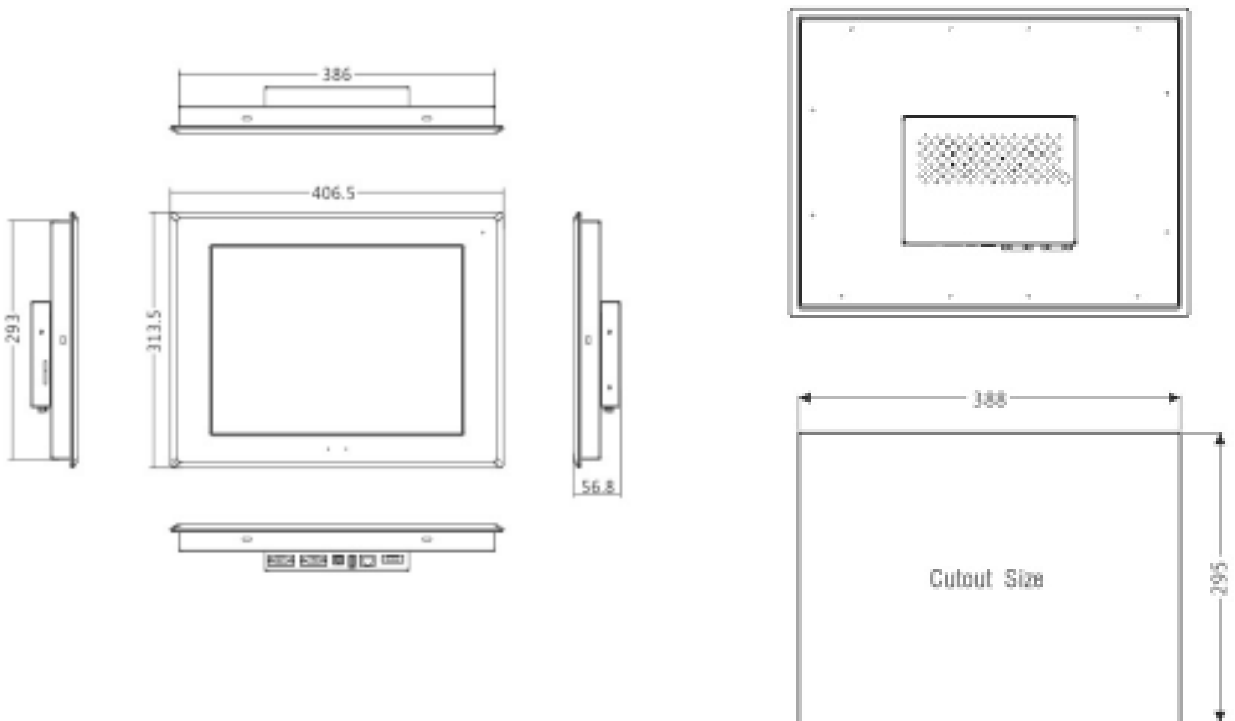
- 65536 True Color TFT LCD
- 32 Bit, 800 MHz RISC
- 128 MB FLASH + 64 MB DDR2
- 512 KB Recipe Memory, Record Date Easily
- Real-Time Clock, Reserve Time for More than 2 Years at Power Off State
- 3 COM Ports, Supports Simultaneous Communications;RS232/RS485



DESCRIPTION

The MT5000 Series is a very powerful HMI product that will make your application soar. This HMI line come 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 MT5000 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



L011380

Performance Specification	
Display	15" TFT
Resolution	1025 x 768 Pixels
Color	65,536 Colors
Backlight	LED
Brightness	250 cd/m ²
Backlight Life	50,000 Hrs
Touch Panel	4-Wire Precision Resistance Network
Processor	32-bit 800MHz RISC
Memory	128 MB FLASH and 64M DDR2
Expandable Memory	1 USB Host, 1 SD Card
Recipe Memory & RTC	512 KB & RTC
Printer Port	USB Host/Slave/Serial Port
Ethernet	Support
Audio Interface	1 Audio Output Interface
Video Interface	2 PAL Video Input, BNC Connector
Program Download	USB Slave/Serial Port/Ethernet Port
COM Port	COM0:RS232/RS485-2/RS485-4, COM1:RS232/RS485-2/RS485-4, COM0:RS232
Expansion Port	None
Electrical Specification	
Rated Power	13 W
Rated Voltage	24 VDC
Input Range	21~28 VDC
Power Down Allowed	< 3ms
Insulation Resistance	> 50M Ω @ 500 VDC
Dielectric Strength Test	500 VAC 1 Minute
Structure Specification	
Shell Color	Silver
Shell Material	Aluminium Alloy
Dimensions(mm)	406.5 x 313.5 x 56.8
Cutout Size(mm)	388 x 295mm
Weight	4.5 Kg
Environment Specification	
Operating Temperature	-10°~60° C
Operating Humidity	10~90% Non-Condensing
Storage Temperature	-20°~70° C
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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