

MT4000 Series Technical Specifications



MT4512T/MT4512TE

Model	MT4512T	MT4512TE
Performance specification		
Display	10.1" 16:9 TFT	
Resolution	800×480 pixels	
Color	65536 colors	
Backlight	LED	
Brightness	320cd/m ²	
Backlight life	50000 hr.	
Touch Panel	4-wire precision resistance network	
Processor	32-bit 400MHz RISC	32-bit 800MHz RISC
Memory	128M FLASH, 64M SDRAM	
Expandable memory	None	1 USB host
Recipe memory & RTC	512KB & RTC	
Printer port	Serial port	USB/Serial port
Ethernet	None	Support
Program download	USB SLAVE/ Serial port	USB SLAVE/ Serial port/ Ethernet port
COM port	COM0:RS232/RS485-2/RS485-4, COM2:RS232	
Electrical specification		
Rated power	8W	
Rated voltage	DC24V	
Input range	DC12~28V	
Power down allowed	<5ms	
Insulation resistance	Greater than 50MΩ @ 500V DC	
Dielectric strength test	500V AC 1 minute	
Structure specification		
Shell color	Black	
Shell material	ABS	
Dimensions(mm)	310×230×55	
Cutout size(mm)	298×218	
Weight	2kg	
Environment specification		
Operating temperature	0~45℃	
Operating humidity	10~90% non-condensing	
Storage temperature	-10~60℃	
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 EN61000-6-4:2007standards	
FCC compatibility	Complies with FCC Class A	

MT4000 Series Dimensions (Unit:mm)

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