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## *eMT3120A*





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Display	Display	12.1" TFT
	Brightness (cd/m2)	500
	Contrast Ratio	700:1
	Color	16.2M
	Resolution (W x H)	1024x768
	Back Light	LED
	Back Light Life Time	>50,000 hrs
Processor	32Bit RISC CPU 800MHz	
Enclosure	Aluminum	
Touch Panel	Touch Panel Type	4-wire Resistive Type
Memory	Storage	256 MB
	RAM (RAM)	256 MB
I/O ports	SD Card Slot	SD/SDHC
	USB Host	USB 2.0 x 1
	USB Client	USB 2.0 x 1
	Ethernet Port	10/100 Base-T
	COM Port	COM1(RS-232/RS-485 2W/4W), COM3(RS-232/RS-485 2W) Supports MPI 187.5
	Video Input Port	NTSC/PAL RCA x 2
	Audio	Audio Line Out - 3.5 mm jack x 1
Power	CAN bus	CANopen Protocol
	Input Power	24±20% VDC
	Power Consumption	850m A@24V
RTC	Built-in	
Specification	Panel Cutout (W x H)	305 x 231 mm
	Weight (kg)	Approx. 2.1 kg
Certification	CE	Compilies with EN 55022:2006+A1:2007 , EN 61000-3-2:2006+A2:2009 .EN 61055024:1998+A1:2001+A2:2003
	FCC	Comply with FCC class A
	UL	UL508 type 1 , NEMA4
Operation	Voltage Resistance	500VAC (1 min)
	Isolation Resistance	Exceed 50MΩ at 500VDC
	Vibration Endurance	10 to 25 Hz(X,Y,Z direction 2G 30 minutes)
	Protection Structure	IP66 front panel (O ring seal)
	Storage Temperature	-20°~70°C (-4°~158°F)
	Operating Temperature	0°~50°C (32°~122°F)
	Operation Humidity	10~90% RH (non-condensing)