

MT8073iE

HMI with 7" TFT Display



Features

- 7" 800 x 480 TFT LCD, LED Backlight
- Fan-less Cooling System
- Two Gigabit Ethernet Ports
- COM2 and COM3 RS-485 support MPI 187.5K, please use one at one time
- PCB coating process ensures high reliability to resist from corrosion in harsh environment
- Built-in Power Isolation
- NEMA4 / IP65 Compliant Front Panel
- Built-in EasyAccess 2.0 License

	Display	7" TFT				
	Resolution	800 x 480				
	Brightness (cd/m ²)	400				
Display	Contrast Ratio	500:1				
Display	Backlight Type	LED				
	Backlight Life Time	>30,000 hrs.				
	Colors	16.7M				
	LCD Viewing Angle (T/B/L/R)	70/50/70/70				
Touch Panel	Туре	4-wire Resistive Type				
Touch Faller	Accuracy	Active Area Length(X)±2%, Width(Y)±2%				
Memory	Flash	128 MB				
Wentory	RAM	128 MB				
Processor		32 bits RISC Cortex-A8 600MHz				
	SD Card Slot	N/A				
	USB Host	USB 2.0 x 1				
	USB Client	N/A				
	Ethernet	10/100/1000 Base-T x 2				
	COM Port	COM1: RS-232, COM2: RS-485 2W/4W,				
I/O Port		COM3: RS-232/RS-485 2W*				
	RS-485 Dual Isolation	N/A				
	CAN Bus	N/A				
	HDMI	N/A				
	Audio Output	N/A				
	Video Input	N/A				
RTC		Built-in				
	Input Power	24±20%VDC				
	Power Isolation	Built-in				
Power	Power Consumption	600mA@24VDC*				
rower	Voltage Resistance	500VAC (1 min.)				
	Isolation Resistance	Exceed 50M Ω at 500VDC				
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)				
Specification	PCB Coating	Yes				
opecification	Enclosure	Plastic				

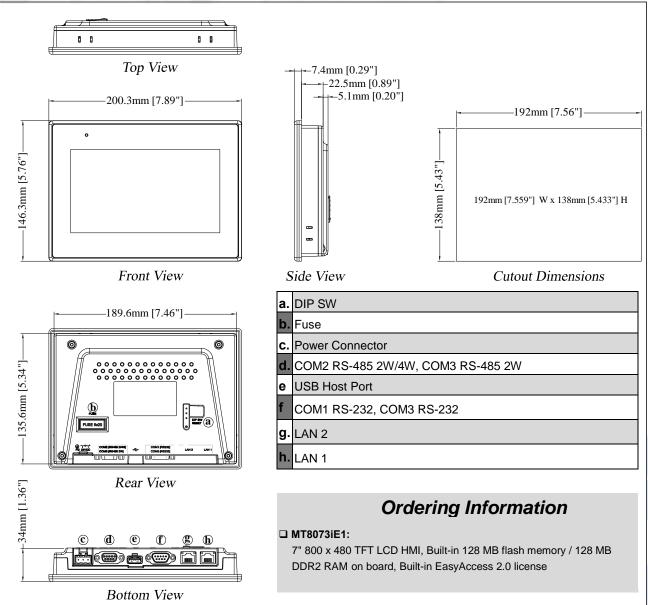


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		Dimensions WxHxD	200.3 x 146.3 x 34 mm			
		Panel Cutout	192 x 138 mm			
		Weight	Approx. 0.6 kg			
		Mount	Panel mount			
		Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP65 Compliant Front Panel			
	Environment	Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)			
		Operating Temperature	0° ~ 50°C (32° ~ 122°F)			
		Relative Humidity	10% ~ 90% (non-condensing)			
	Certificate	CE	CE marked			
		ATEX	ATEX Zone 2/22 Category 3 G/D			
		UL	cULus Listed			
	Software		EasyBuilder Pro V5.02.01 or later versions			

*Only Tx & Rx (no RTS/CTS) may be used for COM1 RS-232 when COM3 RS-232 is also used. *Includes power consumption of USB device.

Dimensions



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MT8073iE

Pin Assi								
COM1/C	OM3 [RS232]	9 Pin, Male, D-sub	COM2 / COM3 [RS485] 9 Pin, Female, D-sub					
PIN#	Symbol	COM1 [RS232]	COM3 [RS232]	PIN#	Symbol	COM2 [RS485]2w	COM2 [RS485]4w	COM3 [RS485
1	Not used			1	Rx-	Data-	Rx-	
2	RxD	Received Data		2	Rx+	Data+	Rx+	
3	TxD	Transmitted Data		3	Tx-		Tx-	
4	Not used			4	Tx+		Tx+	
5	GND	Grou	Ind	5	GND		Ground	
6	Not used			6	Data-			Data-
7	RTS	Ready to send	Transmitted Data	7	Not used			
8	CTS	Clear to send input	Received Data	8	Not used			
9	GND	Ground		9	Data+			Data+

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