

MT8092XE

HMI with 9.7" TFT Display



- 9.7" 1024 x 768 TFT LCD, LED Backlight Fan-less Cooling System Built-in 512 MB Flash Memory

- Two Ethernet Ports One USB Host Port
- One USB Host Port
 COM2 and COM3 RS-485 2W support MPI 187.5K,
 please use one at one time
 CAN Bus port supports CANopen Protocol
 Built-in Power Isolator
 NEMA4 / IP65 Compliant Front Panel
 Built-in EasyAccess 2.0 License

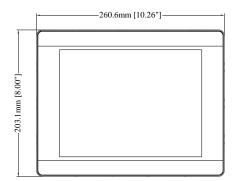
		Display	9.7" TFT	
		Resolution	1024 x 768	
		Brightness (cd/m²)	350	
	Disules.	Contrast Ratio	500:1	
	Display	Backlight Type	LED	
		Backlight Life Time	>30,000 hrs.	
		Colors	262K	
		LCD Viewing Angle (T/B/L/R)	60/70/70/70	
	Touch Panel	Type	4-wire Resistive Type	
		Accuracy	Active Area Length(X)±2%, Width(Y)±2%	
		Flash	512 MB	
	Memory	RAM	256 MB	
	Processor		32-bit RISC 1GHz	
		SD Card Slot	N/A	
		USB Host	USB 2.0 x 1	
		USB Client	N/A	
		Ethernet	10/100/1000 Base-T x 2	
	1/0 D		Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W	
	I/O Port	COM Port	Con.B: COM1 RS-232 4W, COM3 RS-232 2W*	
		RS-485 Isolation	N/A	
		CAN Bus	Yes	
		HDMI	N/A	
		Audio Output	N/A (Supports USB Audio)	
	RTC		Built-in	
		Input Power	24±20%VDC	
		Power Isolation	Built-in	
	Dower	Power Consumption	650mA@24VDC	
	Power	Voltage Resistance	500VAC (1 min.)	
		Isolation Resistance	Exceed 50MΩ at 500VDC	
		Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)	
A		PCB Coating	Yes	
		Enclosure	Plastic	
	Specification	Dimensions WxHxD	260.6 x 203.1 x 36.5 mm	
	Specification	Panel Cutout	250 x 192 mm	
		Weight	Approx. 0.85 kg	
		Mount	Panel mount, VESA mount 75 x 75 mm	
		Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP65 Compliant Front Panel	
7		Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)	
		Operating Temperature	0° ~ 50°C (32° ~ 122°F)	
		Relative Humidity	10% ~ 90% (non-condensing)	
		CE	CE marked	
4		ATEX	ATEX Zone 2/22 Category 3 G/D	
		UL	cULus Listed	
	Software	EasyBuilder Pro	V5.02.01 or later versions	
	Joitware	Weincloud	EasyAccess 2.0 (Built-in)	

^{*}Only Tx & Rx (no RTS/CTS) may be used for COM1 RS-232 when COM3 RS-232 is also used.

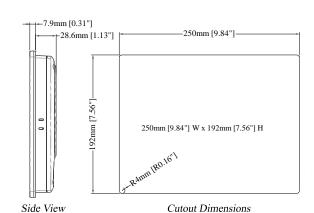
Dimensions



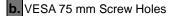
Top View



Front View



a. Fuse



Power Connector

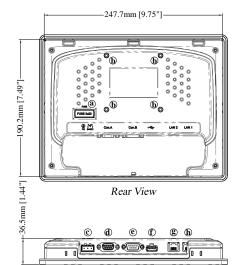
Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus

Con.B: COM1 RS-232 4W, COM3 RS-232 2W

USB Host Port

LAN 2

LAN 1



Bottom View

Ordering Information

☐ MT8092XE1:

9.7" 1024×768 TFT LCD HMI, Built-in 512 MB flash memory / 256 MB DDR3 RAM, Built-in EasyAccess 2.0 license

☐ RP0080900 (included in package)

9.7" Screen Protective Film

Pin Assignment:

Con.B: COM1 / COM3 [RS232] 9 Pin, Male, D-sub

PIN#	COM1 [RS232] 4W	COM3 [RS232] 2W			
1					
2	RxD				
3	TxD				
4					
5	GND				
6					
7	RTS	TxD			
8	CTS	RxD			
9					

Con.A: COM2 / COM3 [RS485] / CAN Bus 9 Pin, Female, D-sub

	COM2 [RS485]		COM3	
PIN#	2W	4W	[RS485] 2W	CAN Bus
1	Data-	Rx-		
2	Data+	Rx+		
3		Tx-		
4		Tx+		
5		G	SND	
6			Data-	
7				CAN_L
8				CAN_H
9			Data+	