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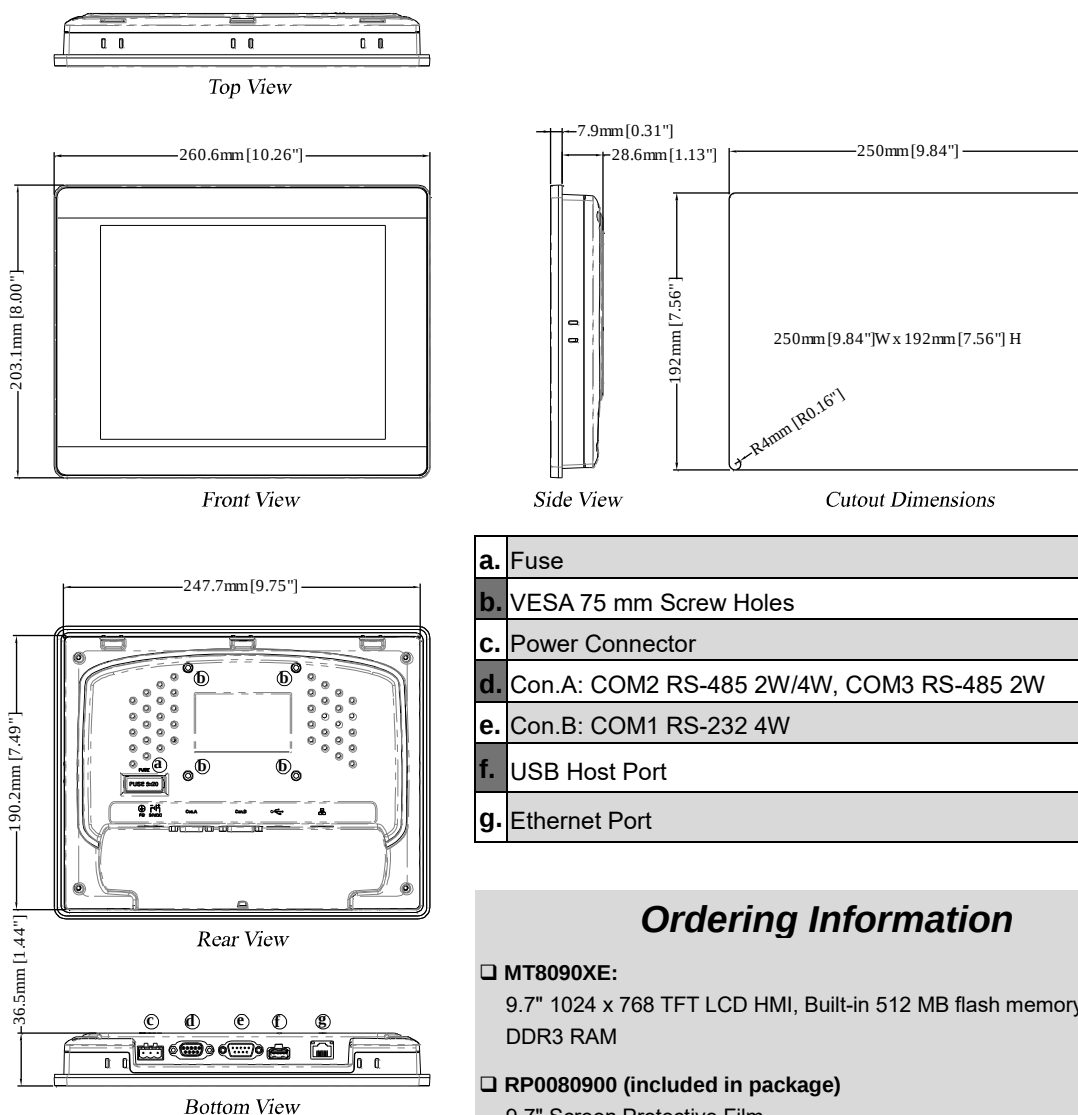


Feature

- 9.7" 1024 x 768 TFT LCD, LED Backlight
- Fan-less Cooling System
- Built-in 512 MB Flash Memory
- One USB Host Port
- COM2 and COM3 RS-485 2W support MPI 187.5K, please use one at one time
- Built-in Power Isolator
- NEMA4 / IP65 Compliant Front Panel

Display	Display	9.7" TFT
	Resolution	1024 x 768
	Brightness (cd/m ²)	350
	Contrast Ratio	500:1
	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%
Memory	Flash	512 MB
	RAM	256 MB
Processor		32-bit RISC 1GHz
I/O Port	SD Card Slot	N/A
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	10/100 Base-T x 1
	COM Port	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W Con.B: COM1 RS-232 4W
	RS-485 Dual Isolation	N/A
	CAN Bus	N/A
	HDMI	N/A
	Audio Output	N/A (Supports USB Audio)
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	500mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	260.6 x 203.1 x 36.5 mm
	Panel Cutout	250 x 192 mm
	Weight	Approx. 0.85 kg
	Mount	Panel mount, VESA mount 75 x 75 mm
Environment	Protection Structure	NEMA4 / IP65 Compliant Front Panel
	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
Software	EasyBuilder Pro	V5.00.01 or later versions
	Weincloud	EasyAccess 2.0 (Optional)

Dimensions



a.	Fuse
b.	VESA 75 mm Screw Holes
c.	Power Connector
d.	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W
e.	Con.B: COM1 RS-232 4W
f.	USB Host Port
g.	Ethernet Port

Ordering Information

MT8090XE:

9.7" 1024 x 768 TFT LCD HMI, Built-in 512 MB flash memory / 256 MB DDR3 RAM

RP0080900 (included in package)

9.7" Screen Protective Film

Optional:

RZACEA020: EasyAccess 2.0 Activation Card

Pin Assignment:

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

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

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

PIN#	COM2 [RS485]		COM3 [RS485]
	2W	4W	2W
1	Data-	Rx-	
2	Data+	Rx+	
3		Tx-	
4		Tx+	
5	GND		
6			Data-
7			
8			
9			Data+



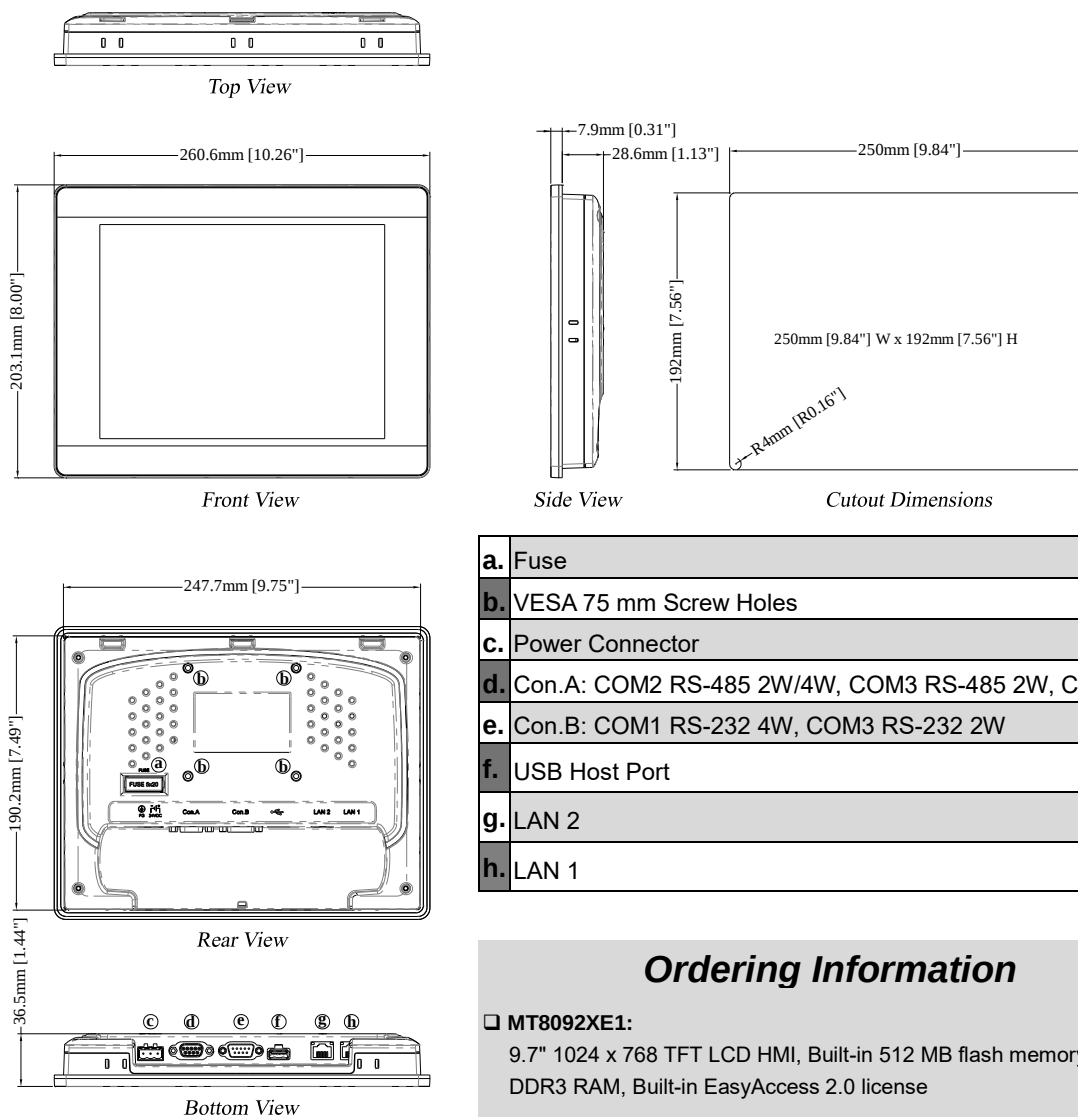
Feature

- 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
- 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	Display	9.7" TFT
	Resolution	1024 x 768
	Brightness (cd/m ²)	350
	Contrast Ratio	500:1
	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%
Memory	Flash	512 MB
	RAM	256 MB
Processor		32-bit RISC 1GHz
I/O Port	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	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W 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
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	650mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	260.6 x 203.1 x 36.5 mm
	Panel Cutout	250 x 192 mm
	Weight	Approx. 0.85 kg
	Mount	Panel mount, VESA mount 75 x 75 mm
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP65 Compliant Front Panel
	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
	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



a.	Fuse
b.	VESA 75 mm Screw Holes
c.	Power Connector
d.	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus
e.	Con.B: COM1 RS-232 4W, COM3 RS-232 2W
f.	USB Host Port
g.	LAN 2
h.	LAN 1

Ordering Information

MT8092XE1:

9.7" 1024 x 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

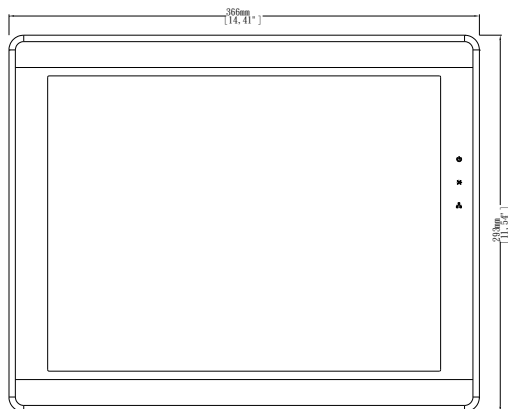
PIN#	COM2 [RS485]		COM3 [RS485] 2W	CAN Bus
	2W	4W		
1	Data-	Rx-		
2	Data+	Rx+		
3		Tx-		
4		Tx+		
5	GND			
6			Data-	
7				CAN_L
8				CAN_H
9			Data+	



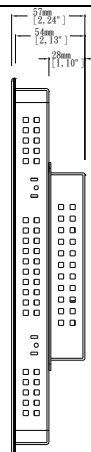
◆ Features

- 15" 1024 x 768 IPS LCD, LED Backlight
- Slim Design
- Fan-less Cooling System
- Built-in 256 MB Flash Memory
- SD Card Slot for Expansion of Storage
- One USB Host Port and one USB Client Port
- COM1 and COM3 RS-485 Built-in Isolation
- COM1 and COM3 RS-485 2W support MPI 187.5K, please use one at a time
- Built-in Power Isolator
- NEMA4 / IP65 Compliant Front Panel

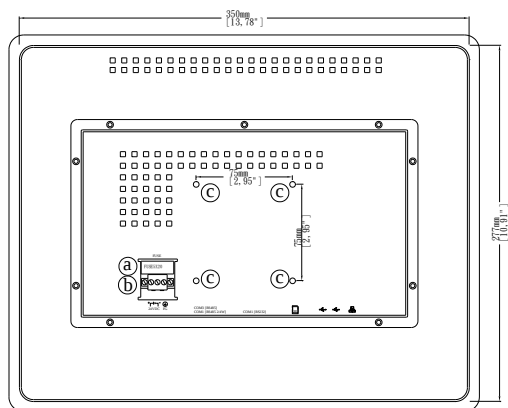
Display	Display	15" IPS
	Resolution	1024 x 768
	Brightness (cd/m ²)	400
	Contrast Ratio	1000:1
	Backlight Type	LED
	Backlight Life Time	>50,000 hrs.
	Colors	16.2M
	LCD Viewing Angle (T/B/L/R)	89/89/89/89
	Pixel Pitch (mm)	0.297(H)x0.297(V)
Touch Panel	Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	256 MB
	RAM	256 MB
Processor		32-bit RISC 1GHz
I/O Port	SD Card Slot	SD/SDHC
	USB Host	USB 2.0 x 1
	USB Client	USB 2.0 x 1
	Ethernet	10/100 Base-T x 1
	COM Port	COM1: RS-232/RS-485 2W/4W COM3: RS-485 2W
	RS-485 Dual Isolation	Yes
	CAN Bus	N/A
	HDMI	N/A
	Audio Output	N/A (Supports USB Audio)
RTC	Video Input	N/A
		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	1.2A@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Specification	PCB Coating	Yes
	Enclosure	Aluminum
	Dimensions WxHxD	366 x 293 x 57 mm
	Panel Cutout	352 x 279 mm
	Weight	Approx. 2.75 kg
	Mount	Panel mount, VESA mount 75 x 75 mm
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP65 Compliant Front Panel
	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 V4.00.01 or later versions



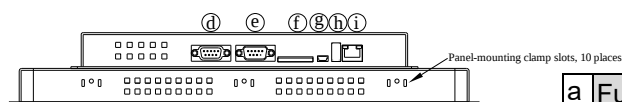
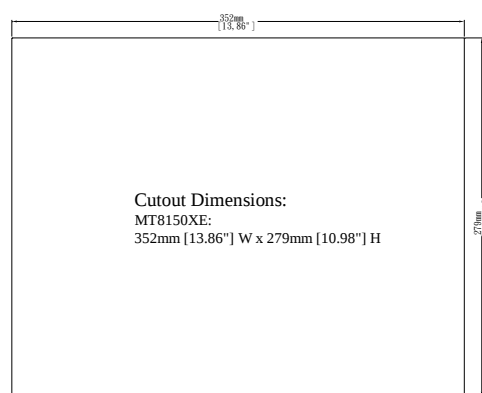
Front View



Side View



Rear View



Bottom View

Ordering Information

□ MT8150XE:

15" 1024 x 768 TFT LCD HMI, Built-in 256 MB flash memory / 256 MB RAM

□ RP0081500 (included in package)

15" Screen Protective Film

a	Fuse
b	Power Connector
c	VESA 75 mm Screw Holes
d	COM1 RS-485 2W/4W, COM3 RS485 2W
e	COM1 RS-232
f	SD Card Slot
g	USB Client Port
h	USB Host Port
i	Ethernet Port

PIN Assignment

COM1 [RS232] 9 Pin, Male, D-sub

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

COM1 / COM3 [RS485] 9 Pin, Female, D-sub

PIN#	COM1 [RS485]		COM3 [RS485] 2W
	2W	4W	
1	Data-	Rx-	
2	Data+	Rx+	
3		Tx-	
4		Tx+	
5	GND(COM1)		
6			
7			Data-
8			Data+
9			GND(COM3)

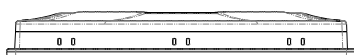


Features

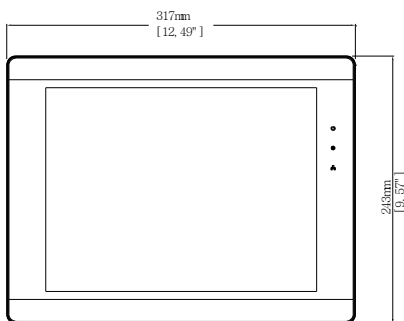
- 12.1" 1024 x 768 Wide Viewing Angle LCD, LED Backlight
- Slim Design
- Fan-less Cooling System
- Built-in 256 MB Flash Memory
- SD Card Slot for Expansion of Storage
- One USB Host Port and one USB Client Port
- COM1 and COM3 RS-485 Built-in Isolation
- COM1 and COM3 RS-485 2W support MPI 187.5K, please use one at a time*
- Built-in Power Isolator

Display	Display	12.1" Wide Viewing Angle (WVA)
	Resolution	1024 x 768
	Brightness (cd/m ²)	500
	Contrast Ratio	1000:1
	Backlight Type	LED
	Backlight Life Time	>30,000 hrs.
	Colors	16.7M
	LCD Viewing Angle (T/B/L/R)	89/89/89/89
	Pixel Pitch (mm)	0.240 (H) x 0.240 (V)
Touch Panel	Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	256 MB
	RAM	256 MB
Processor		32-bit RISC 1GHz
I/O Port	SD Card Slot	SD/SDHC
	USB Host	USB 2.0 x 1
	USB Client	USB 2.0 x 1
	Ethernet	10/100 Base-T x 1
	COM Port	COM1: RS-232/RS-485 2W/4W, COM3: RS-485 2W
	RS-485 Dual Isolation	Yes
	CAN Bus	N/A
	HDMI	N/A
RTC	Audio Output	N/A (Supports USB Audio)
		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	1.5A@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	317 x 243 x 41 mm
	Panel Cutout	305 x 231 mm
	Weight	Approx. 1.7 kg
	Mount	Panel mount, VESA mount 75 x 75 mm
Environment	Protection Structure	NEMA4 / IP65 Compliant Front Panel
	Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)
	Operating Temperature	0° ~ 50°C (32° ~ 122°F)
	Relative Humidity	10% ~ 90% (non-condensing)
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Certificate	CE	CE marked
Software	EasyBuilder Pro	V4.00.01 or later versions
	Weincloud	EasyAccess 2.0 (Optional)

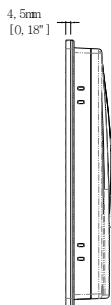
*For products with serial number 2211***** or later, the minimum software requirement for MPI: EasyBuilder Pro V6.07.01.



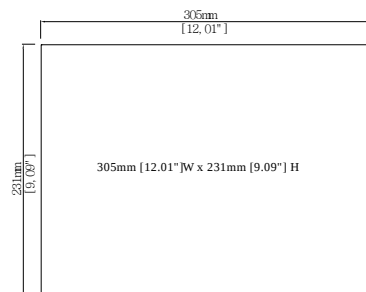
Top View



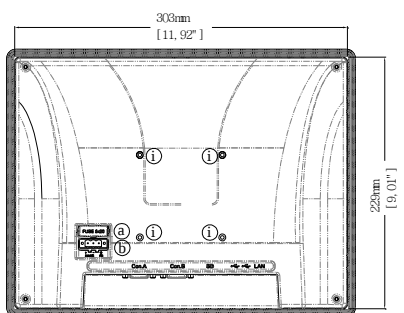
Front View



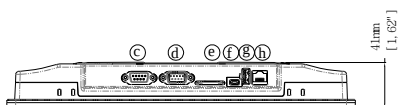
Side View



Cutout Dimensions



Rear View



Bottom View

a	Fuse
b	Power Connector
c	COM1 RS-485 2W/4W, COM3 RS-485 2W (Con.A)
d	COM1 RS-232 4W (Con.B)
e	SD Card Slot
f	USB Client Port
g	USB Host Port
h	Ethernet Port
i	VESA 75 mm Screw Holes

PIN Assignment

COM1 [RS232] 9 Pin, Male, D-sub

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

Ordering Information

□ MT8121XE3:

12.1" 1024 x 768 WVA LCD HMI, Built-in 256 MB flash memory / 256 MB DDR2 RAM

□ RP0081210 (included in package)

12.1" Screen Protective Film

Optional:

□ RZACEA020: EasyAccess 2.0 Activation Card

COM1 / COM3 [RS485] 9 Pin, Female, D-sub

PIN#	COM1 [RS485]		COM3 [RS485] 2W
	2W	4W	
1	Data-	Rx-	
2	Data+	Rx+	
3		Tx-	
4		Tx+	
5	GND(COM1)		
6			
7			Data-
8			Data+
9			GND(COM3)



По вопросам продаж и поддержки обращайтесь:

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