

Панели оператора серии сМТ

Технические характеристики

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Уфа (347)229-48-12
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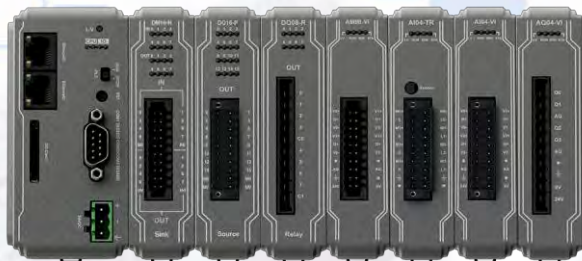
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CODESYS PLC with IIoT Gateway



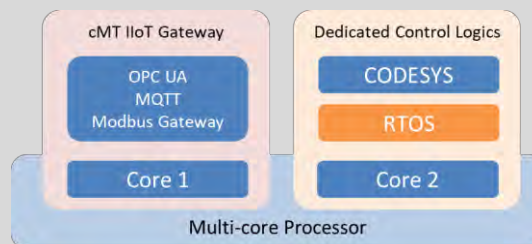
(iR series I/O modules sold separately.)

Feature

- Built-in CODESYS SoftPLC software, compliant with the IEC61131-3 standard
- CODESYS supports Modbus TCP/IP, EtherCAT, EtherNet/IP, and PROFINET industrial communication protocols
- Built-in 4GB Flash Memory and RTC
- SD card slot supports SD/SDHC cards
- Rich combination of iR Series Modules

Gateway

- COM2 / COM3 RS-485 2W supports MPI 187.5K
- Supports OPC UA Server/Client and MQTT
- Modbus TCP/IP Gateway



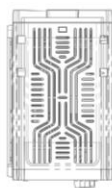
Memory	Flash	4 GB
	RAM	512 MB
	Data, Input, Output, Memory, Code	5 MB ^{*1}
	Retain area	32 KB (every minute) (Kept after reboots) ^{*1}
	Persistent area	32 KB (every minute) (Kept after downloads) ^{*1}
Processor	File system	12 MB ^{*1}
		Dual-core RISC
I/O Port	SD Card Slot	SD/SDHC
	Ethernet	Ethernet 1: 10/100/1000 Base-T x 1 Ethernet 2: 10/100 Base-T x 1
	COM Port	COM1 RS-232 2W, COM2 RS-485 2W/4W, COM3 RS-485 2W
	Local bus	iBus
	CAN Bus	N/A
CODESYS	Protocol	Modbus TCP/IP Master, EtherCAT Master, EtherNet/IP Scanner, PROFINET Controller ^{*2}
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Dissipation	Nominal 310mA@24VDC
	Current for Internal Bus	Max 2A@5VDC
	Current Consumption	550mA@5VDC
Specification	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC
	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	50 x 109 x 81 mm
Environment	Weight	Approx. 0.24 kg
	Mount	35 mm DIN rail mounting
	Protection Structure	IP20
	Storage Temperature	-20° ~ 70°C (-4° ~ 158°F)
	Operating Temperature	-10° ~ 50°C (14° ~ 122°F)
Certificate	Relative Humidity	10% ~ 90% (non-condensing)
	Altitude	3,000 m
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Software	CE	CE marked
	UL	cULus Listed
Software	EasyBuilder Pro	V6.03.02 or later versions
	Weincloud	EasyAccess 2.0 (Optional)
	CODESYS®	V3.5 SP10 Patch 3 or later ^{*3}

*1. CODESYS Runtime 20240703 or later and Package 1.5.3.500 or later.

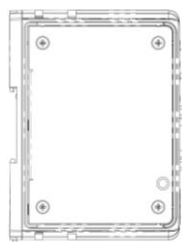
*2. CODESYS Runtime 20250121 or later and Package 1.5.3.510 or later support PROFINET Controller.

*3. CODESYS® is a trademark of CODESYS GmbH.

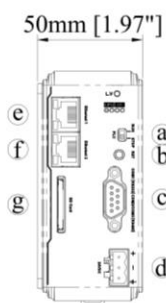
Dimensions



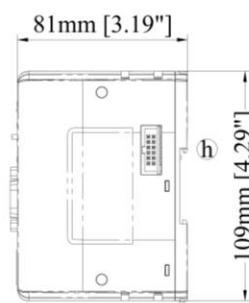
Top View



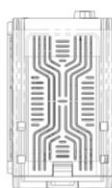
Side View



Front View



Side View



Bottom View

a	RUN/STOP switch	e	Ethernet 1
b	Reset Button	f	Ethernet 2
c	COM1: RS-232 2W, COM2: RS-485 2W/4W, COM3: RS-485 2W	g	SD Card Slot
d	Power Connector	h	Expansion Connector

Ordering Information

□ cMT-CTRL01:

CODESYS PLC with Gateway, 4GB flash memory, 512MB RAM on board

Optional:

□ RZACEA020: EasyAccess 2.0 Activation Card

Pin Assignment:

COM1 [RS232], COM2 / COM3 [RS485], 9 Pin, Male, D-sub

PIN#	COM1 [RS-232] 2W	COM2 [RS-485]		COM3 [RS-485] 2W
		2W	4W	
1				Data+
2	RxD			
3	TxD			
4				Data-
5	GND			
6		Data+	Rx+	
7		Data-	Rx-	
8			Tx+	
9			Tx-	

Advanced Model Specifications



cMT3072XH2



cMT3072XHT

Model		cMT3072XH2	cMT3072XHT
Display	Display	7" WVA	7" WVA
	Resolution	1024 x 600	1024 x 600
	Brightness (cd/ m ²)	450	450
	Contrast Ratio	800:1	800:1
	Backlight Type	LED	LED
	Backlight Life Time	>30,000 hrs.	>30,000 hrs.
	Colors	16.7M	16.7M
LCD Viewing Angle (T/B/L/R)		85/85/85/85 0.1506(H) x 0.1432(V)	85/85/85/85 0.1506(H) x 0.1432(V)
Pixel Pitch (mm)			
Touch Panel	Type	4-wire Resistive Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	4 GB	4 GB
	RAM	1 GB	1 GB
Processor		Quad-core RISC	Quad-core RISC
I/O Port	USB Host	USB 2.0 x 1	USB 2.0 x 1
	Ethernet	LAN 1: 10/100 Base-T x 1 LAN 2: 10/100 Base-T x 1	LAN 1: 10/100 Base-T x 1 LAN 2: 10/100 Base-T x 1
	COM Port	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus Con.B: COM1 RS-232 4W, COM3 RS-232 2W*	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus Con.B: COM1 RS-232 4W, COM3 RS-232 2W*
	CAN Bus	Yes	Yes
	Audio Output	N/A	N/A
	RTC	Built-in	Built-in
Power	Input Power	24±20%VDC	24±20%VDC
	Power Isolation	Built-in	Built-in
	Power Consumption	820mA@24VDC 500VAC	820mA@24VDC 500VAC
	Voltage Resistance	(1 min.)	(1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC	Exceed 50MΩ @ 500VDC
Specification	PCB Coating	Yes	Yes
	Enclosure	Plastic	Aluminum
	Dimensions WxHxD	200.3 x 146.3 x 35.0 mm	200.4 x 146.5 x 36.0 mm
	Panel Cutout	192 x 138 mm	192 x 138 mm
	Weight	Approx. 0.6 kg	Approx. 0.8 kg
	Mount	Panel mount	Panel mount
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel
	Storage Temperature	-20° ~ 60° C (-4° ~ 140° F)	-20° ~ 60° C (-4° ~ 140° F)
	Operating Temperature	0° ~ 55° C (32° ~ 131° F)	-20° ~ 55° C (-4° ~ 131° F)
	Relative Humidity	10% ~ 90% (non-condensing)	10% ~ 90% (non-condensing)
	Altitude	3,000 meters	3,000 meters
Vibration Endurance		10 to 25Hz (X, Y, Z direction 2G 30 minutes)	10 to 25Hz (X, Y, Z direction 2G 30 minutes) CE marked
Certificate	CE	CE marked	cULus Listed
	UL	cULus Listed	
Software	Weincloud	EasyAccess 2.0 (Optional) Dashboard (Optional)	EasyAccess 2.0 (Optional) Dashboard (Optional)
	CODESYS	Optional	Optional

Advanced Model Specifications



cMT3072XP

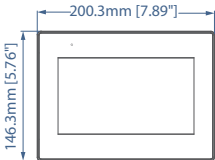
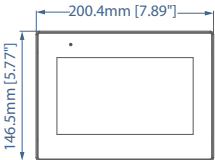
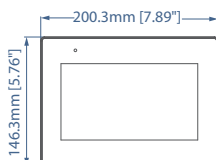
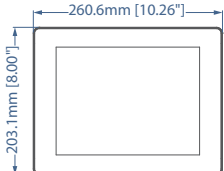
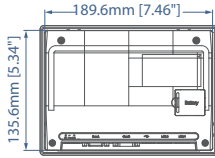
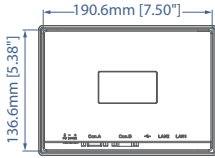
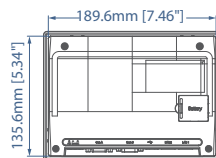
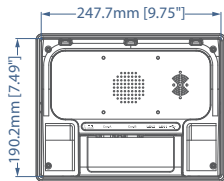
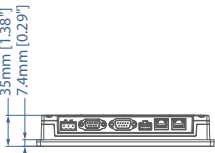
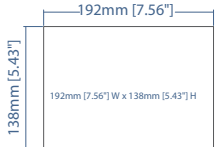
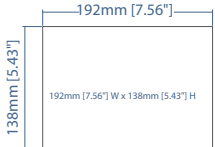
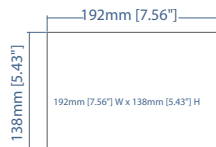
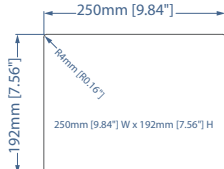


cMT3092X

Model			
Display	Display	7" WVA	9.7" WVA
	Resolution	1024 x 600	1024 x 768
	Brightness (cd/ m ²)	450	350
	Contrast Ratio	800:1	900:1
	Backlight Type	LED	LED
	Backlight Life Time	>30,000 hrs.	>30,000 hrs.
	Colors	16.7M	16.2M
	LCD Viewing Angle (T/B/L/R)	85/85/85/85	89/89/89/89
	Pixel Pitch (mm)	0.1506(H) x 0.1432(V)	0.192(H) x 0.192(V)
Touch Panel	Type	Tempered Glass, Capacitive Type Hardness Scale 7H	4-wire Resistive Type
	Accuracy	N/A	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	4 GB	4 GB
	RAM	1 GB	1 GB
Processor		Quad-core RISC	Quad-core RISC
I/O Port	USB Host	USB 2.0 x 1	USB 2.0 x 1
	Ethernet	LAN 1: 10/100 Base-T x 1 LAN 2: 10/100 Base-T x 1	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1
	COM Port	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus Con.B: COM1 RS-232 4W, COM3 RS-232 2W*	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W Con.B: COM1 RS-232 4W, COM3 RS-232 2W*
	CAN Bus	Yes	N/A
	Audio Output	N/A	Built-in Mono Speaker
RTC		Built-in	Built-in
Power	Input Power	24±20%VDC	24±20%VDC
	Power Isolation	Built-in	Built-in
	Power Consumption	820mA@24VDC	1A@24VDC
	Voltage Resistance	500VAC (1 min.)	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC	Exceed 50MΩ @ 500VDC
Specification	PCB Coating	Yes	Yes
	Enclosure	Plastic	Plastic
	Dimensions WxHxD	200.3 x 146.3 x 36.9 mm	260.6 x 203.1 x 44.5 mm
	Panel Cutout	192 x 138 mm	250 x 192 mm
	Weight	Approx. 0.7 kg	Approx. 1 kg
	Mount	Panel mount	Panel mount, VESA mount 75 x 75 mm
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel
	Storage Temperature	-20° ~ 60° C (-4° ~ 140° F)	-20° ~ 60° C (-4° ~ 140° F)
	Operating Temperature	0° ~ 55° C (32° ~ 131° F)	0° ~ 50° C (32° ~ 122° F)
	Relative Humidity	10% ~ 90% (non-condensing)	10% ~ 90% (non-condensing)
	Altitude	3,000 meters	3,000 meters
Certificate	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
	CE	CE marked	CE marked
	UL	cULus Listed	cULus Listed
Software	Weincloud	EasyAccess 2.0 (Optional) Dashboard (Optional)	EasyAccess 2.0 (Optional) Dashboard (Optional)
	CODESYS	Optional	Optional

Advanced Model

Dimensions

cMT3072XH2	cMT3072XHT	cMT3072XP	cMT3092X
 Front View	 Front View	 Front View	 Front View
 Rear View	 Rear View	 Rear View	 Rear View
 Bottom View	 6.4mm [0.25\"/> 29.6mm [1.17\"]" data-bbox="313 551 463 624"/> Bottom View	 9.3mm [0.37\"]" data-bbox="533 556 668 624"/> Bottom View	 7.9mm [0.31\"]" data-bbox="778 551 918 624"/> Bottom View
 Cutout Dimensions	 Cutout Dimensions	 Cutout Dimensions	 Cutout Dimensions

Advanced Model Specifications



cMT3102X



cMT3108XH

		Model	
Display	Display	10.1" WVA	10.1" WVA
	Resolution	1024 x 600	1280 x 800
	Brightness (cd/ m ²)	350	500
	Contrast Ratio	1000:1	800:1
	Backlight Type	LED	LED
	Backlight Life Time	> 50,000 hrs.	> 50,000 hrs.
	Colors	16.7M	16.7M
	LCD Viewing Angle (T/B/L/R)	89/89/89/89	89/89/89/89
	Pixel Pitch (mm)	0.2175 (H) x 0.2088 (V)	0.1695 (H) x 0.1695 (V)
Touch Panel	Type	4-wire Resistive Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	4 GB	4 GB
	RAM	1 GB	1 GB
Processor		Quad-core RISC	Quad-core RISC
I/O Port	USB Host	USB 2.0 x 1	USB 2.0 x 1
	Ethernet	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1
	WiFi	M02 WiFi Expansion Module (Optional)	M02 WiFi Expansion Module (Optional)
	COM Port	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus Con.B: COM1 RS-232 4W, COM3 RS-232 2W*	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus Con.B: COM1 RS-232 4W, COM3 RS-232 2W*
	CAN Bus	Yes	Yes
	Audio Output	N/A	Built-in Mono Speaker
	RTC	Built-in	Built-in
Power	Input Power	24±20%VDC	24±20%VDC
	Power Isolation	Built-in	Built-in
	Power Consumption	1A@24VDC	700mA@24VDC
	Voltage Resistance	500VAC (1 min.)	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC	Exceed 50MΩ @ 500VDC
Specification	PCB Coating	Yes	Yes
	Enclosure	Plastic	Plastic
	Dimensions WxHxD	271 x 213 x 38 mm	266 x 196 x 40 mm
	Panel Cutout	260 x 202 mm	255 x 185 mm
	Weight	Approx. 1.2 kg	Approx. 1.1 kg
	Mount	Panel mount, VESA mount 75 x 75 mm	Panel mount, VESA mount 75 x 75 mm
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel
	Storage Temperature	-20° ~ 60° C (-4° ~ 140° F)	-20° ~ 60° C (-4° ~ 140° F)
	Operating Temperature	0° ~ 50° C (32° ~ 122° F)	0° ~ 55° C (32° ~ 131° F)
	Relative Humidity	10% ~ 90% (non-condensing)	10% ~ 90% (non-condensing)
	Altitude	3,000 meters	3,000 meters
Vibration Endurance		10 to 25Hz (X, Y, Z direction 2G 30 minutes)	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Certificate	CE	CE marked	CE marked
	UL	cULus Listed	cULus Listed
	ATEX	ATEX Zone 2/22 Category 3 G/D	ATEX Zone 2/22 Category 3 G/D
Software	Weincloud	EasyAccess 2.0 (Optional) Dashboard (Optional)	EasyAccess 2.0 (Optional) Dashboard (Optional)
	CODESYS	Optional	Optional

Advanced Model Specifications

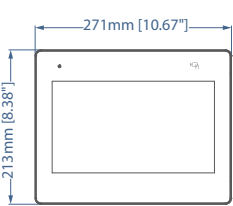


cMT3108XP

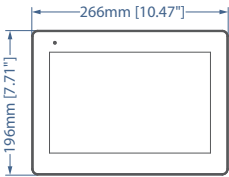


cMT3162X

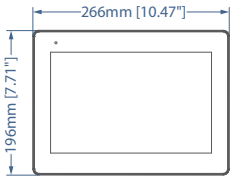
	Model		
Display	Display	10.1" WVA	15.6" WVA
	Resolution	1280 x 800	1920 x 1080
	Brightness (cd/ m ²)	425	300
	Contrast Ratio	800:1	800:1
	Backlight Type	LED	LED
	Backlight Life Time	> 50,000 hrs.	> 30,000 hrs.
	Colors	16.7M	16.2M
	LCD Viewing Angle (T/B/L/R)	89/89/89/89	89/89/89/89
	Pixel Pitch (mm)	0.1695 (H) x 0.1695 (V)	0.17925(H) x 0.17925(V)
Touch Panel	Type	Tempered Glass, Capacitive Type	Tempered Glass, Capacitive Type
	Hardness Scale	7H	7H
	Accuracy	N/A	N/A
Memory	Flash	4 GB	4 GB
	RAM	1 GB	1 GB
Processor		Quad-core RISC	Quad-core RISC
I/O Port	USB Host	USB 2.0 x 1	USB 2.0 x 1
	Ethernet	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1
	WiFi	M02 WiFi Expansion Module (Optional)	N/A
	COM Port	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus Con.B: COM1 RS-232 4W, COM3 RS-232 2W*	Con.A: COM1 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus Con.B: COM1 RS-232 4W, COM3 RS-232 2W*
	CAN Bus	Yes	Yes
	Audio Output	Built-in Mono Speaker	Built-in Mono Speaker
RTC		Built-in	Built-in
Power	Input Power	24±20%VDC	24±20%VDC
	Power Isolation	Built-in	Built-in
	Power Consumption	700mA@24VDC	1.3A@24VDC
	Voltage Resistance	500VAC (1 min.)	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC	Exceed 50MΩ @ 500VDC
Specification	PCB Coating	Yes	Yes
	Enclosure	Plastic	Front bezel: Plastic, Rear Enclosure: Aluminum
	Dimensions WxHxD	266 x 196 x 42.7 mm	400 x 263 x 27.6 mm
	Panel Cutout	255 x 185 mm	384 x 247 mm
	Weight	Approx. 1.1 kg	Approx. 1.6 kg
	Mount	Panel mount, VESA mount 75 x 75 mm	Panel mount, VESA mount 100 x 100 mm
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel	NEMA4 / IP66 Compliant Front Panel
	Storage Temperature	-20° ~ 60° C (-4° ~ 140° F)	-20° ~ 60° C (-4° ~ 140° F)
	Operating Temperature	0° ~ 55° C (32° ~ 131° F)	0° ~ 50° C (32° ~ 122° F)
	Relative Humidity	10% ~ 90% (non-condensing)	10% ~ 90% (non-condensing)
	Altitude	3,000 meters	3,000 meters
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Certificate	CE	CE marked	CE marked
	UL	cULus Listed	cULus Listed
	ATEX	ATEX Zone 2/22 Category 3 G/D	N/A
Software	Weincloud	EasyAccess 2.0 (Optional) Dashboard (Optional)	EasyAccess 2.0 (Optional) Dashboard (Optional)
	CODESYS	Optional	Optional



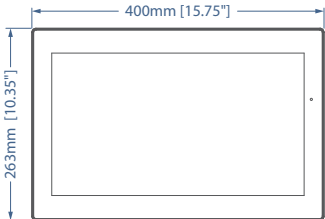
Front View



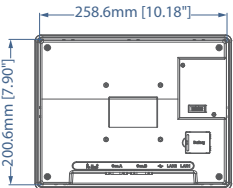
Front View



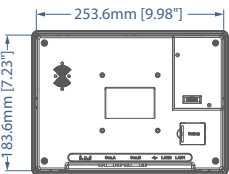
Front View



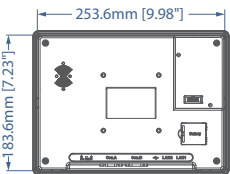
Front View



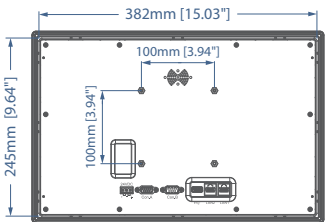
Rear View



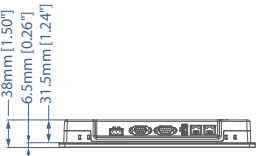
Rear View



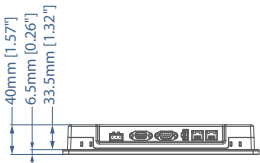
Rear View



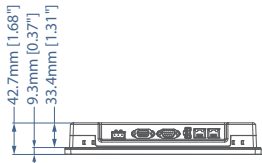
Rear View



Bottom View



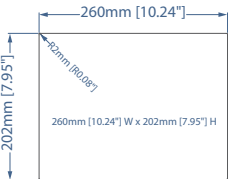
Bottom View



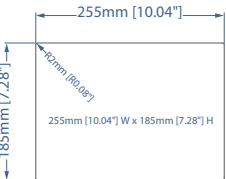
Bottom View



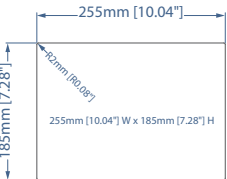
Bottom View



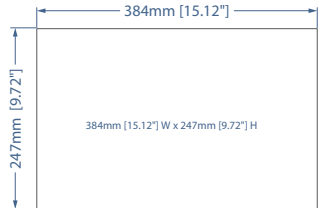
Cutout Dimensions



Cutout Dimensions



Cutout Dimensions



Cutout Dimensions

Standard Model

Specifications



cMT2078X



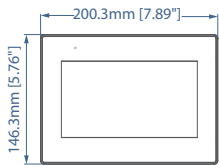
cMT2108X2

	Model		
Display	Display	7" TFT	10.1" WVA
	Resolution	800 x 480	1024 x 600
	Brightness (cd/ m ²)	400	350
	Contrast Ratio	800:1	1000:1
	Backlight Type	LED	LED
	Backlight Life Time	>30,000 hrs.	>50,000 hrs.
	Colors	16.7M	16.7M
	LCD Viewing Angle (T/B/L/R)	80/60/80/80	89/89/89/89
	Pixel Pitch (mm)	0.1926(H) x 0.179(V)	0.2175 (H) x 0.2088 (V)
Touch Panel	Type	4-wire Resistive Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	4 GB	4 GB
	RAM	1 GB	1 GB
Processor		Quad-core RISC	Quad-core RISC
I/O Port	USB Host	USB 2.0 x 1	USB 2.0 x 1
	Ethernet	LAN 1: 10/100 Base-T x 1 LAN 2: 10/100 Base-T x 1	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1
	WiFi	N/A	M02 WiFi Expansion Module (Optional)
	COM Port	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W Con.B: COM1 RS-232 4W, COM3 RS-232 2W*	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W Con.B: COM1 RS-232 4W, COM3 RS-232 2W*
RTC		Built-in	Built-in
Power	Input Power	24±20%VDC	24±20%VDC
	Power Isolation	Built-in	Built-in
Specification	Power Consumption	820mA@24VDC	1A@24VDC
	Voltage Resistance	500VAC (1 min.)	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC	Exceed 50MΩ @ 500VDC
	PCB Coating	Yes	Yes
	Enclosure	Plastic	Plastic
Environment	Dimensions WxHxD	200.3 x 146.3 x 35.0 mm	271 x 213 x 38 mm
	Panel Cutout	192 x 138 mm	260 x 202 mm
	Weight	Approx. 0.6 kg	Approx. 1.2 kg
	Mount	Panel mount	Panel mount, VESA mount 75 x 75 mm
	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel
Certificate	Storage Temperature	-20° ~ 60° C (-4° ~ 140° F)	-20° ~ 60° C (-4° ~ 140° F)
	Operating Temperature	0° ~ 55° C (32° ~ 131° F)	0° ~ 50° C (32° ~ 122° F)
	Relative Humidity	10% ~ 90% (non-condensing)	10% ~ 90% (non-condensing)
	Altitude	3,000 meters	3,000 meters
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Software	CE	CE marked	CE marked
	UL	cULus Listed	cULus Listed
Software	Weincloud	EasyAccess 2.0 (Optional) Dashboard (Optional)	EasyAccess 2.0 (Optional) Dashboard (Optional)
	CODESYS	Optional	Optional

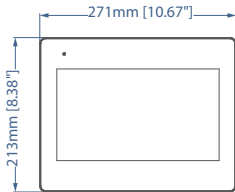
Standard Model

Dimensions

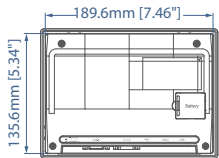
cMT2078X	cMT2108X2
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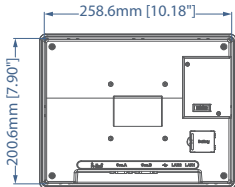
Front View



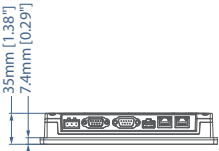
Front View



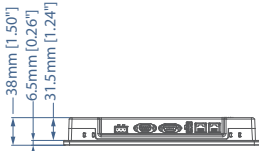
Rear View



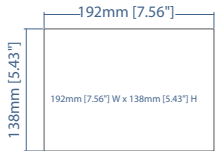
Rear View



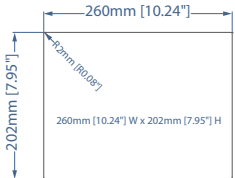
Bottom View



Bottom View



Cutout Dimensions



Cutout Dimensions

Standard Model Specifications

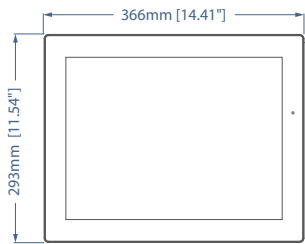


cMT2158X

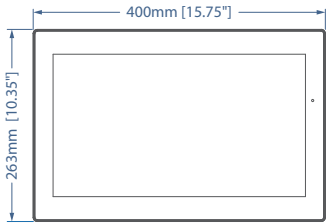


cMT2166X

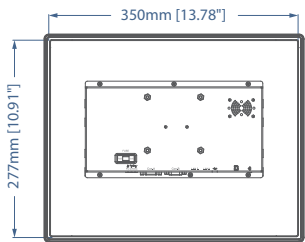
Model			
Display	Display	15" WVA	15.6" WVA
	Resolution	1024 x 768	1920 x 1080
	Brightness (cd/ m')	350	300
	Contrast Ratio	2500:1	800:1
	Backlight Type	LED	LED
	Backlight Life Time	>70,000 hrs.	> 30,000 hrs.
	Colors	16.2M	16.2M
	LCD Viewing Angle (T/B/L/R)	88/88/88/88	89/89/89/89
	Pixel Pitch (mm)	0.297(H) x 0.297(V)	0.17925(H) x 0.17925(V)
Touch Panel	Type	4-wire Resistive Type	Tempered Glass, Capacitive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%	N/A
Memory	Flash	4 GB	4 GB
	RAM	1 GB	1 GB
Processor		Quad-core RISC	Quad-core RISC
I/O Port	SD Card Slot	SD/SDHC	N/A
	USB Host	USB 2.0 x 1	USB 2.0 x 1
	Ethernet	LAN 1: 10/100/1000 Base-T x 1	10/100 Base-T x 1
		LAN 2: 10/100 Base-T x 1	
	COM Port	Con.A: COM1 RS-485 2W/4W, COM3 RS-485 2W Con.B: COM1 RS-232 4W, COM3 RS-232 2W*	Con.A: COM1 RS-485 2W/4W, COM3 RS-485 2W Con.B: COM1 RS-232 4W, COM3 RS-232 2W*
	Audio Output	Built-in Mono Speaker Audio Line Out - 3.5 mm jack x 1	Built-in Mono Speaker
RTC		Built-in	Built-in
Power	Input Power	24±20%VDC	24±20%VDC
	Power Isolation	Built-in	Built-in
	Power Consumption	1.3A@24VDC	0.9A@24VDC
	Voltage Resistance	500VAC (1 min.)	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC	Exceed 50MΩ @ 500VDC
Specification	PCB Coating	Yes	Yes
	Enclosure	Aluminum	Front bezel: Plastic, Rear Enclosure: Aluminum
	Dimensions WxHxD	366 x 293 x 48.2mm	400 x 263 x 27.6 mm
	Panel Cutout	352 x 279 mm	384 x 247 mm
	Weight	Approx. 2.74 kg	Approx. 1.6 kg
	Mount	Panel mount, VESA mount 75 x 75 mm	Panel mount, VESA mount 100 x 100 mm
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel	NEMA4 / IP66 Compliant Front Panel
	Storage Temperature	-20° ~ 60° C (-4° ~ 140° F)	-20° ~ 60° C (-4° ~ 140° F)
	Operating Temperature	0° ~ 50° C (32° ~ 122° F)	0° ~ 50° C (32° ~ 122° F)
	Relative Humidity	10% ~ 90% (non-condensing)	10% ~ 90% (non-condensing)
	Altitude	3,000 meters	3,000 meters
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Certificate	CE	CE marked	CE marked
	UL	cULus Listed	
Software	Weincloud	EasyAccess 2.0 (Optional) Dashboard (Optional)	EasyAccess 2.0 (Optional) Dashboard (Optional)
	CODESYS	Optional	N/A



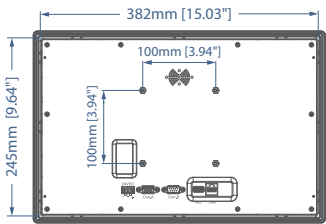
Front View



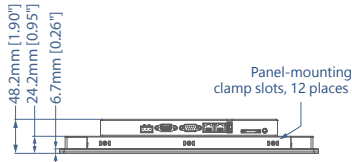
Front View



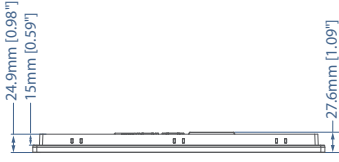
Rear View



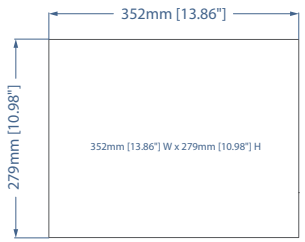
Rear View



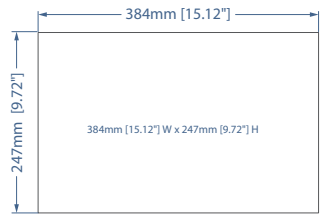
Bottom View



Bottom View



Cutout Dimensions



Cutout Dimensions

Headless HMI+Other Model

Specifications



Model		cMT-FHDX-820	cMT-SVRX-820 / 822		cMT-SVR-100 / 102		cMT-SVR-200 / 202	
Memory	Flash	4 GB	4 GB		256 MB		256 MB	
	RAM	1 GB	1 GB		256 MB		256 MB	
Processor		Quad-core RISC	Quad-core RISC		Single-core RISC		Single-core RISC	
I/O Port	SD Card Slot	N/A	Micro SD x1		SD/SDHC		SD/SDHC	
	USB Host	USB 2.0 x 1	USB 2.0 x 1		USB 2.0 x 1		USB 2.0 x 1	
	Ethernet	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1		10/100/1000 Base-T x 2		10/100/1000 Base-T x 1	
	WiFi	N/A	N/A		N/A		IEEE 802.11 b/g/n 802.11b: max 18.01 dBm 802.11g: max 11.02 dBm 802.11n: max 12.20 dBm	
	COM Port	COM1: RS-232 2W COM2: RS-485 2W/4W COM3: RS-485 2W	COM1: RS-232 2W COM2: RS-485 2W/4W COM3: RS-485 2W		COM1: RS-232 COM2: RS-485 2W/4W COM3: RS-485 2W		COM1: RS-232 2W COM2: RS-485 2W/4W COM3: RS-485 2W	
	HDMI	Customizable (max. resolution 1920 x 1080)	N/A		N/A		N/A	
	Recommended Resolutions (Please use these recommended screen resolutions to avoid compatibility issues.)	720x480 / 720x576 / 800x600 / 1024x768 / 1280x720 / 1920x1080	N/A		N/A		N/A	
	Audio Output	HDMI Audio Output	N/A		N/A		N/A	
RTC		Built-in	Built-in		Built-in		Built-in	
Power	Input Power	24±20%VDC	24±20%VDC		24±20%VDC		10.5~28VDC	
	Power Isolation	Built-in	Built-in		Built-in		Built-in	
	Power Consumption	850mA@24VDC	850mA@24VDC		230mA@24VDC		1A@12VDC ; 450mA@24VDC	
	Voltage Resistance	500VAC (1 min.)	500VAC (1 min.)		500VAC (1 min.)		500VAC (1 min.)	
Specification	Isolation Resistance	Exceed 50MΩ @ 500VDC	Exceed 50MΩ @ 500VDC		Exceed 50MΩ @ 500VDC		Exceed 50MΩ @ 500VDC	
	PCB Coating	Yes	Yes		Yes		Yes	
	Enclosure	Plastic	Plastic		Plastic		Plastic	
	Dimensions WxHxD	29.8 x 130 x 115 mm	29.8 x 130 x 115 mm		27 x 130 x 115 mm		27 x 130 x 115 mm	
	Weight	Approx. 0.24 kg	Approx. 0.24 kg		Approx. 0.18 kg		Approx. 0.18 kg	
	Mount	35 mm DIN rail mounting	35 mm DIN rail mounting		35 mm DIN rail mounting		35 mm DIN rail mounting	
Environment	Protection Structure	IP20	IP20		IP20		IP20	
	Storage Temperature	-20° ~ 60° C (-4° ~ 140° F)	-20° ~ 60° C (-4° ~ 140° F)		-20° ~ 70° C (-4° ~ 158° F)		-20° ~ 70° C (-4° ~ 158° F)	
	Operating Temperature	0° ~ 50° C (32° ~ 122° F)	0° ~ 50° C (32° ~ 122° F)		-20° ~ 55° C (-4° ~ 131° F)		-10° ~ 55° C (14° ~ 131° F)	
	Relative Humidity	10% ~ 90% (non-condensing)	10% ~ 90% (non-condensing)		10% ~ 90% (non-condensing)		10% ~ 90% (non-condensing)	
	Altitude	3,000 meters	3,000 meters		3,000 meters		3,000 meters	
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)	10 to 25Hz (X, Y, Z direction 2G 30 minutes)		10 to 25Hz (X, Y, Z direction 2G 30 minutes)		10 to 25Hz (X, Y, Z direction 2G 30 minutes)	
Certificate	CE	CE marked	CE marked		CE marked		CE marked	
	UL	cULus Listed	cULus Listed		cULus Listed		cULus Listed	
Software	Weincloud	EasyAccess 2.0 (Optional) Dashboard (Optional)	EasyAccess 2.0 (Optional) Dashboard (Optional)	EasyAccess 2.0 (Built-in) Dashboard (Optional)	EasyAccess 2.0 (Optional)	EasyAccess 2.0 (Built-in)	EasyAccess 2.0 (Optional)	EasyAccess 2.0 (Built-in)
	CODESYS	Optional	Optional		N/A		N/A	

Headless HMI+Other Model
Dimensions

cMT-FHDX-820

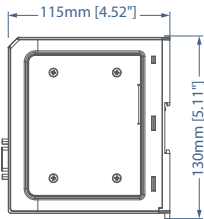
cMT-SVRX-820 / 822

cMT-SVR-100 / 102

cMT-SVR-200 / 202



Front View



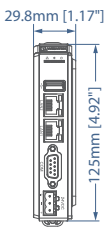
Side View



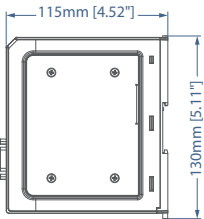
Top View



Bottom View



Front View



Side View



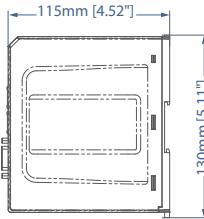
Top View



Bottom View



Front View



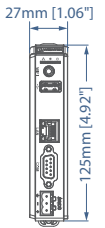
Side View



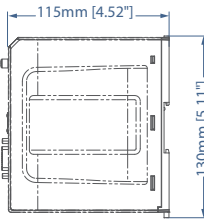
Top View



Bottom View



Front View



Side View



Top View



Bottom View

HMI with external touchscreen



Feature

- Full HD 1080p High Resolution HDMI™ Output
- Quad-core Cortex-A17 CPU with High Performance dedicated 3D Processor
- Plays video in high resolution, video decode 1080p H.264
- Supports customized resolution for 16:9 / 4:3 LCD monitor.
- Compact Design and DIN-rail Mountable
- Fan-less Cooling System
- Built-in 4GB Flash Memory and RTC
- One USB Host Port
- Gigabit Ethernet Port
- Supports MPI 187.5K
- Built-in Power Isolator

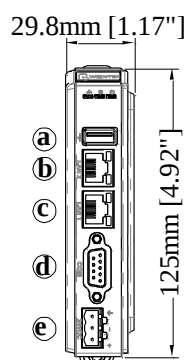
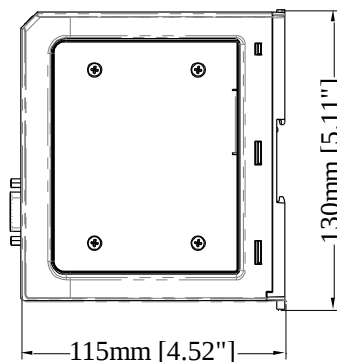
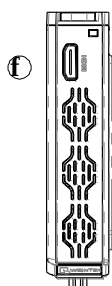
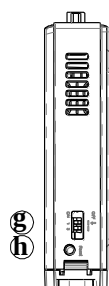
Memory	Flash	4 GB
	RAM	1 GB
Processor		Quad-core RISC
I/O Port	SD Card Slot	N/A
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1
	COM Port	COM1: RS-232 COM2: RS-485 2W/4W COM3: RS-485 2W
	RS-485 Dual Isolation	N/A
	CAN Bus	N/A
	HDMI Output	Customizable (max. resolution 1920 x 1080)
	Recommended Resolutions (Please use these recommended screen resolutions to avoid compatibility issues.)	720x480 720x576 800x600 1024x768 1280x720 1366x768 1920x1080
	Audio Output	HDMI Audio Output
	Video Input	N/A
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	850mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	29.8 x 130 x 115 mm
	Weight	Approx. 0.24 kg
	Mount	35mm DIN rail mounting
Environment	Protection Structure	IP20
	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
	UL	cULus Listed
Software	EasyBuilder Pro	V6.04.02 or later versions
	Weincloud	EasyAccess 2.0 (Optional), Dashboard* (Optional)
	CODESYS®	Optional

* The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

* Dashboard requires EasyBuilder Pro V6.06.01 or later versions.

* CODESYS® is a trademark of 3S-Smart Software Solutions GmbH.

Dimensions

**Front View****Side View****Top View****Bottom View**

a	USB Host Port	f	HDMI Port
b	LAN 2	g	DIP Switch
c	LAN 1	h	Reset Button
d	COM1: RS-232, COM2: RS-485 2W/4W, COM3: RS-485 2W		
e	Power Connector		

Ordering Information

□ cMT-FHDX-220:

4GB flash memory, 1GB RAM on board, 10/100/1000M Ethernet port x 1, 10/100M Ethernet port x 1

Optional:

- RZ0CDS000: CODESYS activation card & license sticker
- RZACEA020: EasyAccess 2.0 Activation Card

Pin Assignment:

COM1 [RS232], COM2 / COM3 [RS485], 9 Pin, Male, D-sub

PIN#	COM1 [RS-232]	COM2 [RS-485]		COM3 [RS-485] 2W
		2W	4W	
1				Data+
2	RxD			
3	TxD			
4				Data-
5	GND			
6		Data+	Rx+	
7		Data-	Rx-	
8			Tx+	
9			Tx-	



Feature

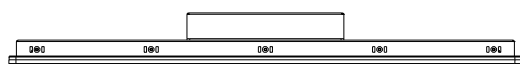
- IPS LCD providing wide viewing angle up to 178 degrees.
- Tempered Glass, Capacitive Type Touch Panel which supports 2-finger gestures.
- Compact Design and Seamless Panel Mount
- Brightness Adjustable through cMT-FHD System Settings.
- HDMI™ Video Input
- USB Touch Interface
- IP65 Compliant Front Panel

Display	Display	21.5" IPS
	Resolution	Full HD 1920 x 1080
	Brightness (cd/m ²)	250
	Contrast Ratio	1000:1
	Backlight Type	LED
	Backlight Life Time	>50,000 hrs.
	Colors	16.7M
	LCD Viewing Angle (T/B/R/L)	89/89/89/89
	Pixel Pitch (mm)	0.2479 (H) x 0.2479 (V)
Touch Panel	Type	Tempered Glass, Capacitive Type (Supports 2-Finger Gestures)
	Hardness Scale	6H
Memory	Flash	N/A
	RAM	N/A
Processor		N/A
I/O Port	SD Card Slot	N/A
	USB Host	USB 2.0 x 1
	USB Client	USB 2.0 x 1 (Micro USB)
	HDMI	Yes (Video Input)
	Audio Output	N/A
RTC		N/A
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	1.56A@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	Aluminum
	Dimensions WxHxD	546 x 354 x 56.2 mm
	Panel Cutout	532 x 340 mm
	Weight	Approx. 4.9 kg
	Mount	Panel mount, VESA mount 100 x 100 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
	UL	cULus Listed
Software	Display	N/A

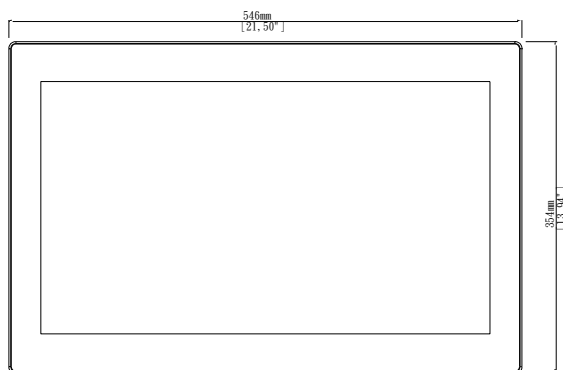
*Protection Structure IP65 can be expected when waterproof gasket is properly installed.

*The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

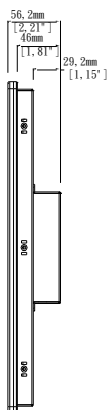
Dimensions



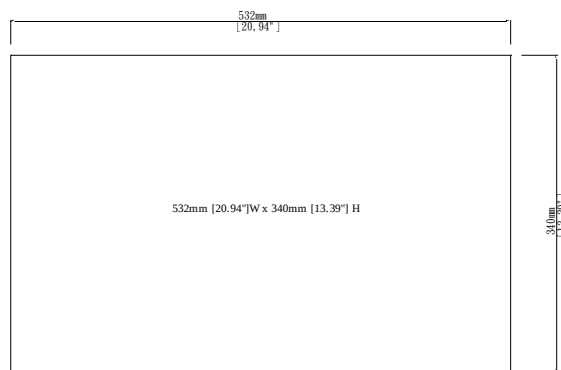
Top View



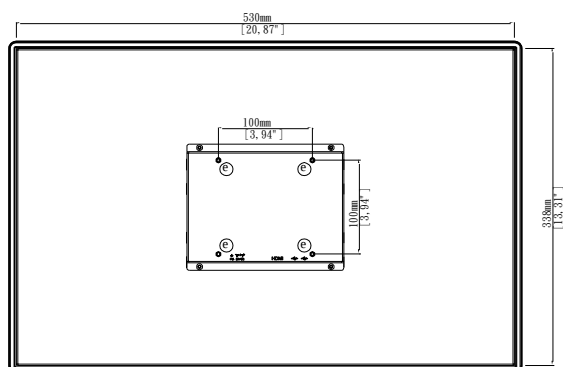
Front View



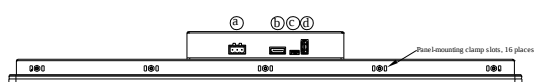
Side View



Cutout Dimensions



Rear View



Bottom View

a	Power Connector
b	HDMI Port
c	USB Client Port (Micro USB)
d	USB Host Port
e	VESA 100 mm Screw Holes

Ordering Information

❑ **cMT-iM21:** 21.5" Touch LCD Monitor

Users must have the following items prepared:
 Micro USB to USB Type-A Cable
 HDMI cable
 Power supply 24V 50W (above)



Smart HMI with 9.7" XGA TFT Display

Feature

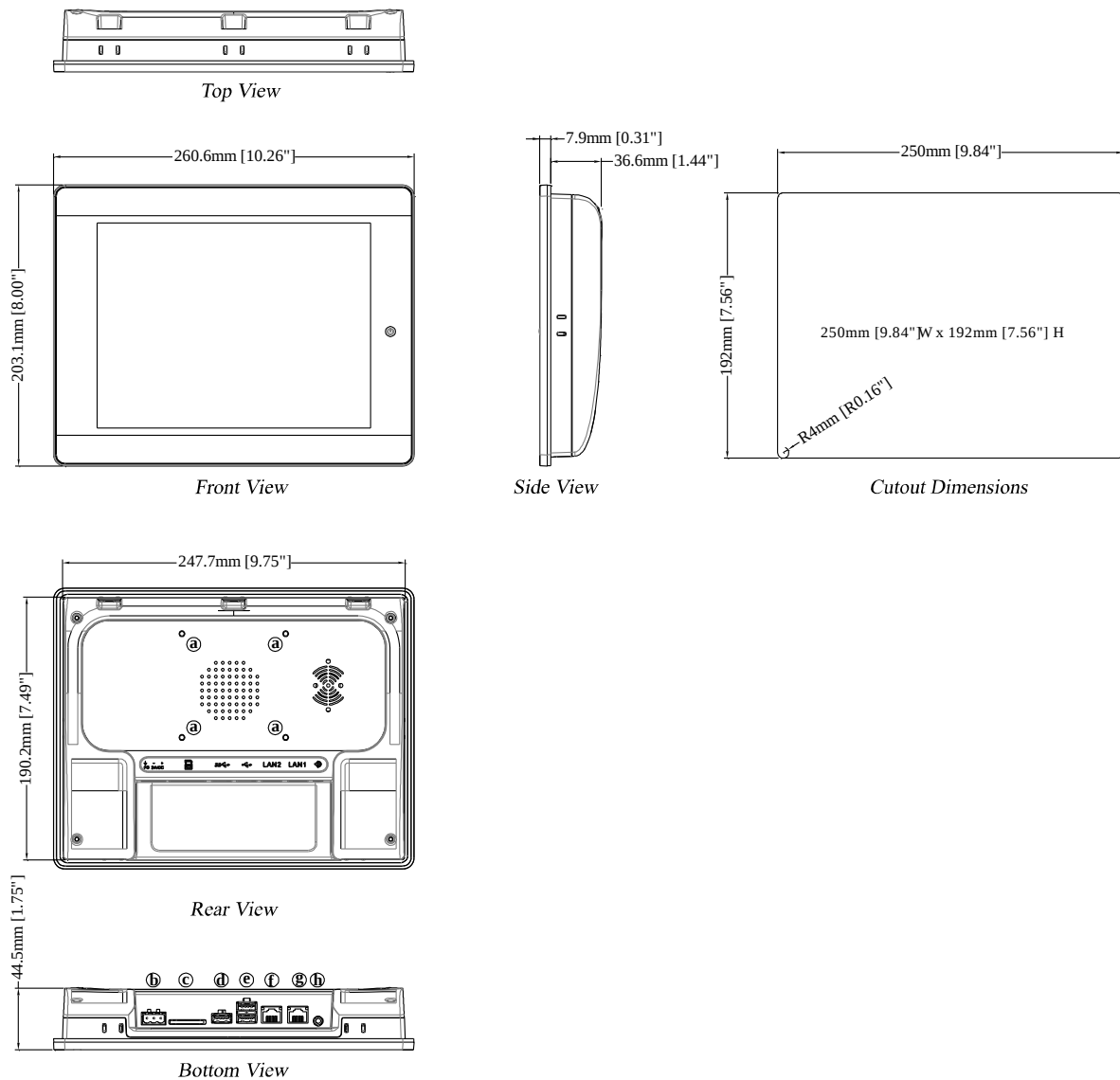
- 9.7" 1024 x 768 TFT LCD
- Fan-less Cooling System
- Built-in 64GB SSD and RTC
- SD Card Slot Supports SD/SDHC/SDXC Cards
- Built-in Power Isolator
- NEMA4 / IP65 Compliant Front Panel

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	SSD	64 GB
	RAM	4 GB
Processor		Intel Atom E3827
I/O Port	SD Card Slot	SD/SDHC/SDXC
	USB Host	USB 2.0 x 2 / USB 3.0 x 1
	Ethernet	10/100/1000 Base-T x 2
	Audio Output	Built-in Mono Speaker Audio Line Out – 3.5 mm jack x 1
RTC		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 @ 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 44.5 mm
	Panel Cutout	250 x 192 mm
	Weight	Approx. 1.1 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
	UL	cULus Listed
OS Support		* Windows® 7 / Windows® 8.1 / Windows® 10 IoT Enterprise (EasyLauncher + cMT Viewer)

*License of Windows OS is excluded.

Dimensions

英文版



a	VESA 75mm Screw Holes	h	Line Out
b	Power Connector		
c	SD CARD SLOT		
d	USB Host port 3.0		
e	USB Host port 2.0		
f	LAN 2		
g	LAN 1		

Ordering Information

- ❑ **cMT-iPC10:**
9.7" TFT LCD Smart HMI, 64GB SSD, 4GB DDR3L SO-DIMM
- ❑ **cMT-iPC10WK-WES7**
cMT-iPC10 with OS: Windows Embedded Standard 7
- ❑ **cMT-iPC10WK-WIoT**
cMT-iPC10 with OS: Windows 10 IoT Enterprise
- ❑ **RZUSK7010 (included in package)**
USB Clamp & Tying Strap
- ❑ **RP0080900 (included in package)**
9.7" Screen Protective Film

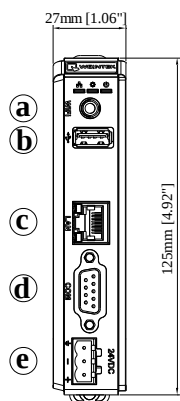


Feature

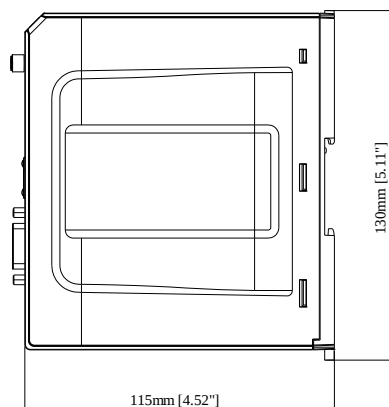
- Supports Display on cMT Viewer clients
- Compact Design and DIN-rail Mountable
- Fan-less Cooling System
- Built-in 256 MB Flash Memory
- SD Card Slot for Expansion of Storage
- One USB Host Port
- One Gigabit Ethernet Ports
- Supports E-mail
- Supports MPI 187.5K
- Built-in Power Isolator
- WiFi compatible with 802.11 b/g/n
- cMT-SVR-202: Built-in EasyAccess 2.0 License
- Wide input voltage range: 10.5~28VDC

Memory	Flash	256 MB
	RAM	256 MB
Processor		32-bit RISC 600MHz
I/O Port	SD Card Slot	SD/SDHC
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	10/100/1000 Base-T x 1
	WiFi	IEEE 802.11 b/g/n 802.11b: max 18.01 dBm 802.11g: max 11.02 dBm 802.11n: max 12.20 dBm
	COM Port	COM1: RS-232 2W COM2: RS-485 2W/4W COM3: RS-485 2W
RTC		Built-in
Power	Input Power	10.5~28VDC
	Power Isolation	Built In
	Power Consumption	1000mA@12VDC ; 450mA@24VDC
	Voltage Resistance	500VAC (1 min)
	Isolation Resistance	Exceed 50MΩ at 500VDC
Specification	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	27 x 130 x 115 mm
	Weight	Approx. 0.18 kg
Environment	Mount	35 mm DIN rail mounting
	Protection Structure	IP20
	Storage Temperature	-20° ~ 70°C (-4° ~ 158°F)
	Operating Temperature	-10° ~ 55°C (14° ~ 131°F)
Certificate	Relative Humidity	10% ~ 90% (non-condensing)
	CE	CE marked
Software	UL	cULus Listed
	EasyBuilder Pro	V6.02.02 or later versions
	Weincloud	cMT-SVR-200: EasyAccess 2.0 (Optional) cMT-SVR-202: EasyAccess 2.0 (Built-in)

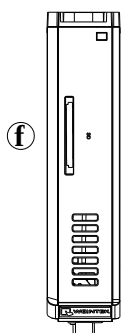
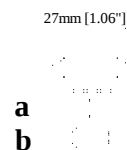
Dimensions



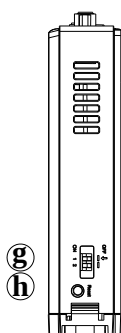
Front View



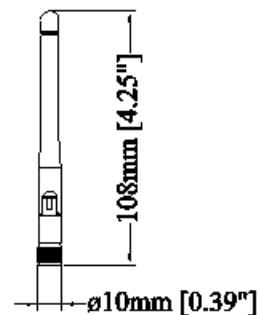
Side View



Top View



Bottom View



Antenna

Pin Assignment:
 COM1 RS232 2W
 COM2 RS485 2W/4W
 COM3 RS485 2W
 9 Pin, Male, D-sub

PIN#	COM1 [RS-232] 2W	COM2 [RS-485]		COM3 [RS-485] 2W
		2W	4W	
1				Data+
2	RxD			
3	TxD			
4				Data-
5	GND			
6		Data+	Rx+	
7		Data-	Rx-	
8			Tx+	
9			Tx-	

a.	WiFi
b.	USB Host Port
c.	Ethernet Port
d.	COM1: RS-232 2W, COM2: RS-485 2W/4W, COM3: RS-485 2W
e.	Power Connector
f.	SD Card Slot
g.	DIP Switch
h.	Reset Button

Ordering Information

□ cMT-SVR-200:

256 MB flash memory
 256 MB RAM on board
 10/100/1000M Ethernet port x 1
 Antenna 2dBi, RP-SMA Plug connector
 Optional: RZACEA020 EasyAccess 2.0
 Activation Card

□ cMT-SVR-202:

256 MB flash memory
 256 MB RAM on board
 10/100/1000M Ethernet port x 1
 Antenna 2dBi, RP-SMA Plug connector
 Built-in EasyAccess 2.0 license

HMI with 9.7" XGA TFT Display



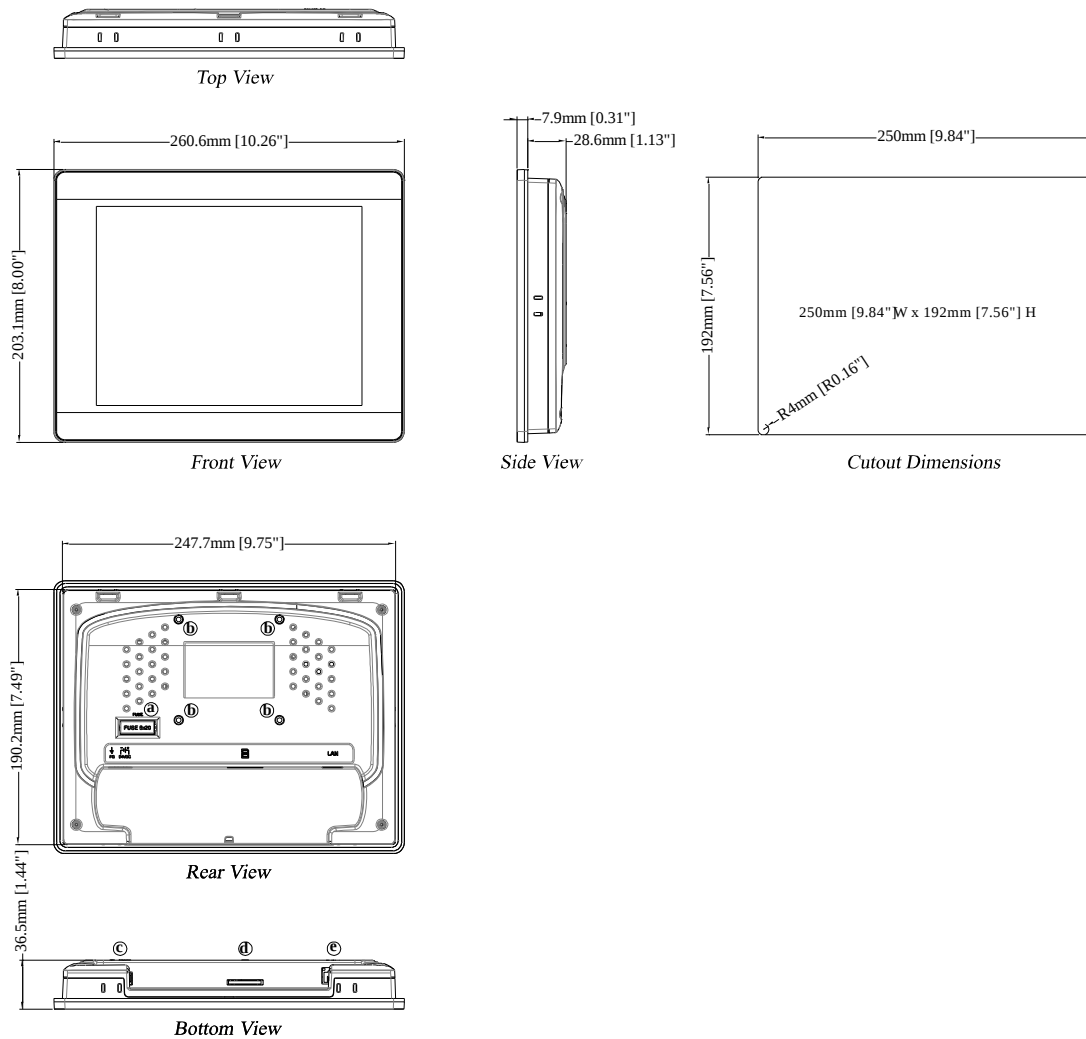
Feature

- 9.7" 1024 x 768 TFT LCD
- Fan-less Cooling System
- Built-in 4GB Flash Memory and RTC
- SD Card Slot Supports SD/SDHC Cards
- 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
	Pixel Pitch (mm)	0.192 (H) x 0.192 (V)
Touch Panel	Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	4 GB
	RAM	1 GB
Processor		32-bit RISC 1GHz
I/O Port	SD Card Slot	SD/SDHC
	USB Host	N/A
	USB Client	N/A
	Ethernet	10/100/1000 Base-T x 1
	COM Port	N/A
	RS-485 Isolation	N/A
	CAN Bus	N/A
	HDMI	N/A
	Audio Output	Built-in Mono Speaker
	Video Input	N/A
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	900mA@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	Plastic
	Dimensions WxHxD	260.6 x 203.1 x 36.5 mm
	Panel Cutout	250 x 192 mm
	Weight	Approx. 0.92 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
Language	Display	English, French, Italian, Spanish, Russian, Simplified Chinese, Traditional Chinese, Korean, German, Japanese, Polish
	Input Methods	English, French, Italian, Spanish, German, Russian, Pinyin, Zhuyin, Korean, Japanese, Polish
Software		cMT Viewer

Dimensions

英文版



a	Fuse
b	VESA 75 mm Screw Holes
c	Power Connector
d	SD Card Slot
e	LAN 1

Ordering Information

- ❑ **cMT-iV6:**
9.7" TFT LCD HMI, 4GB flash memory, 1GB RAM on board
- ❑ **RP0080900 (included in package)**
9.7" Screen Protective Film



Feature

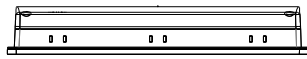
- 10.1" 1024 x 600 Wide Viewing Angle LCD, LED Backlight
- Built-in 4GB Flash Memory and RTC
- Fan-less Cooling System
- COM2 / COM3 RS-485 2W supports MPI 187.5K, please use one at a time.
- PCB coating process ensures high reliability to resist from corrosion in harsh environment.
- Built-in Power Isolation
- NEMA4 / IP66 Compliant Front Panel
- Compatible with M02 WiFi Expansion Module that supports wireless communication.

Display	Display	10.1" Wide Viewing Angle (WVA)
	Resolution	1024 x 600
	Brightness (cd/m ²)	350
	Contrast Ratio	1000:1
	Backlight Type	LED
	Backlight Life Time	>50,000 hrs.
	Colors	16.7M
	LCD Viewing Angle (T/B/L/R)	89/89/89/89
	Pixel Pitch (mm)	0.2175 (H) x 0.2088 (V)
Touch Panel	Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	4 GB
	RAM	1 GB
Processor		Quad-core RISC
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
	WiFi	M02 WiFi Expansion Module (Optional)
	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 Dual Isolation	N/A
	CAN Bus	N/A
RTC	Audio Output	N/A
		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	720mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	271 x 213 x 38 mm
	Panel Cutout	260 x 202 mm
	Weight	Approx. 1.2 kg
	Mount	Panel mount, VESA mount 75 x 75 mm
Environment	Protection Structure	NEMA4 / IP66 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)
	Altitude (Air Pressure)	Below 3,000 meters (70.1kPa)
Certificate	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
	CE	CE marked
Software	EasyBuilder Pro	V6.06.01 or later versions*
	Weincloud	EasyAccess 2.0 (Optional), Dashboard (Optional)

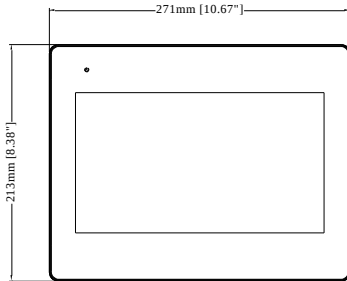
*Only Tx & Rx (no RTS/CTS) may be used for COM1 RS-232 when COM3 RS-232 is also used.

*The minimum software requirement for MPI: EasyBuilder Pro V6.07.02.

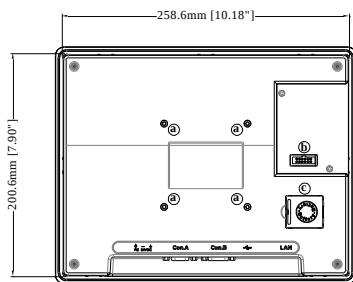
Dimensions



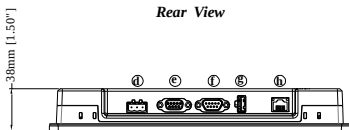
Top View



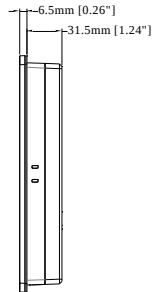
Front View



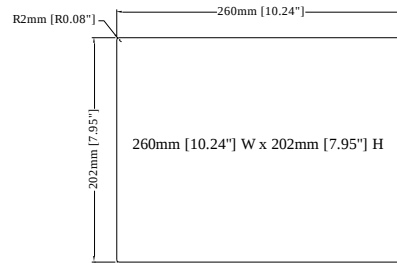
Rear View



Bottom View



Side View



Cutout Dimensions

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

Ordering Information

❑ cMT1106X:

10.1" 1024 x 600 WVA LCD HMI, Built-in 4GB flash memory / 1GB DDR3 RAM on board

❑ RZUSK7010 (included in package)

USB Clamp & Tying Strap

Optional:

❑ M02: WiFi Expansion Module

❑ RZACEA020: EasyAccess 2.0 Activation Card

Pin Assignment: Cutout Dimensions

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	GND	

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

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



Feature

- 10.1" 1024 x 600 TFT LCD, LED Backlight
- Built-in 4GB Flash Memory and RTC
- Fan-less Cooling System
- PCB coating process ensures high reliability to resist from corrosion in harsh environment.
- Built-in Power Isolation
- NEMA4 / IP66 Compliant Front Panel

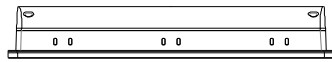
Display	Display	10.1" TFT
	Resolution	1024 x 600
	Brightness (cd/m ²)	350
	Contrast Ratio	500:1
	Backlight Type	LED
	Backlight Life Time	>50,000 hrs.
	Colors	16.7M
	LCD Viewing Angle (T/B/L/R)	70/70/80/80
	Pixel Pitch (mm)	0.2175 (H) x 0.2088 (V)
Touch Panel	Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	4 GB
	RAM	1 GB
Processor		Quad-core RISC
I/O Port	SD Card Slot	N/A
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 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, COM3 RS-232 2W* MPI is not supported.
	RS-485 Dual Isolation	N/A
	CAN Bus	N/A
	Audio Output	N/A
	Video Input	N/A
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	1A@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	271 x 213 x 43 mm
	Panel Cutout	260 x 202 mm
	Weight	Approx. 1.2 kg
	Mount	Panel mount, VESA mount 75 x 75 mm
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 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
	UL	cULus Listed
Software	EasyBuilder Pro	V6.05.02 or later versions
	Weincloud	EasyAccess 2.0 (Optional), Dashboard* (Optional)
	CODESYS®	Optional

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

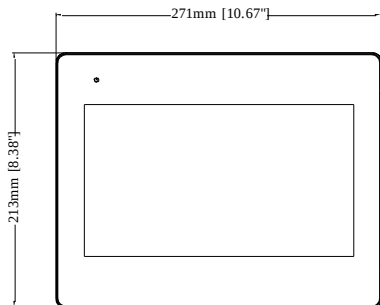
* Dashboard requires EasyBuilder Pro V6.06.01 or later versions.

* CODESYS® is a trademark of 3S-Smart Software Solutions GmbH.

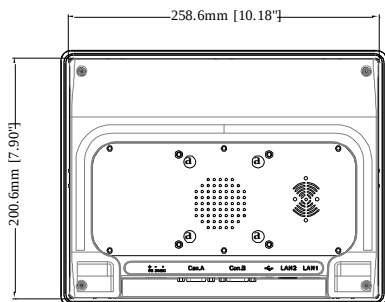
Dimensions 英文版



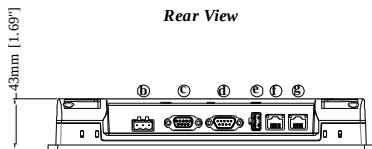
Top View



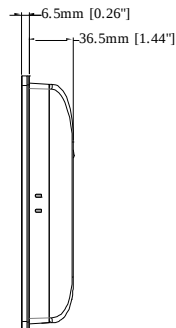
Front View



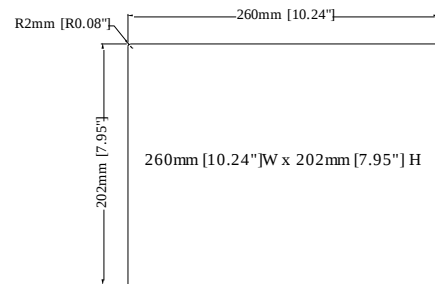
Rear View



Bottom View



Side View



Cutout Dimensions

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

Ordering Information

❑ cMT2108X:

10.1" 1024 x 600 TFT LCD HMI, Built-in 4GB flash memory / 1GB DDR3 RAM on board

❑ RZUSK7010 (included in package)

USB Clamp & Tying Strap

Optional:

❑ RZACEA020: EasyAccess 2.0 Activation Card

❑ RZ0CDS000: CODESYS activation card & license sticker

Pin Assignment:

260mm [10.24"] W x 202mm [7.95"] H
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	GND	

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

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



Feature

- 7" 800 x 480 TFT LCD, LED Backlight
- Quad-core Cortex-A35 CPU with High Performance dedicated 3D Processor
- Fan-less Cooling System
- Built-in 4GB Flash Memory and RTC
- COM2 / COM3 RS-485 2W supports MPI 187.5K, please use one at a time.
- CAN Bus Supports CANopen, CAN Bus 2.0A/2.0B and SAE J1939
- Built-in Power Isolator
- NEMA4 / IP66 Compliant Front Panel

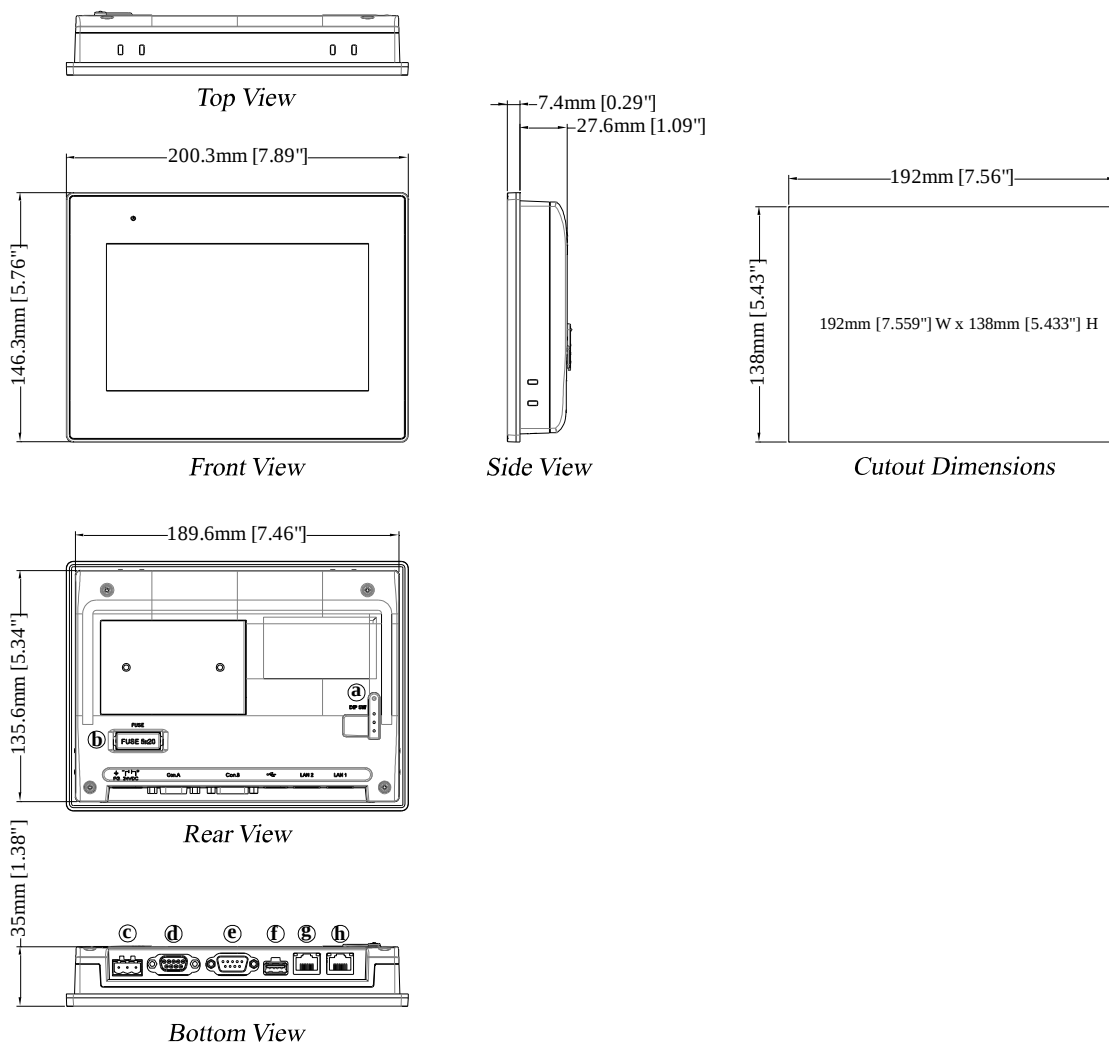
Display	Display	7" TFT
	Resolution	800 x 480
	Brightness (cd/m ²)	400
	Contrast Ratio	800:1
	Backlight Type	LED
	Backlight Life Time	>30,000 hrs.
	Colors	16.7M
	LCD Viewing Angle (T/B/R/L)	80/60/80/80
	Pixel Pitch (mm)	0.1926(H) x 0.179(V)
Touch Panel	Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	4 GB
	RAM	1 GB
Processor		Quad-core RISC
I/O Port	SD Card Slot	N/A
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	LAN 1: 10/100 Base-T x 1 LAN 2: 10/100 Base-T x 1
	COM Port	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus Con.B: COM1 RS-232 4W, COM3 RS-232 2W*
	RS-485 Dual Isolation	N/A
	CAN Bus	Yes
	HDMI	N/A
	Audio Output	N/A
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	850mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	200.3 x 146.3 x 35.0 mm
	Panel Cutout	192 x 138 mm
	Weight	Approx. 0.6 kg
	Mount	Panel mount
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel
	Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)
	Operating Temperature	0° ~ 55°C (32° ~ 131°F)
	Relative Humidity	10% ~ 90% (non-condensing)
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Certificate	CE	CE marked
	UL	cULus Listed
Software	EasyBuilder Pro	V6.04.02 or later versions*
	Weincloud	EasyAccess 2.0 (Optional), Dashboard (Optional)
	CODESYS®	Optional

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

*The minimum software requirement for MPI: EasyBuilder Pro V6.07.02.

*CODESYS® is a trademark of CODESYS GmbH.

Dimensions



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

Accessories

- ❑ **cMT3072X:**
7" TFT LCD HMI, 4GB flash memory, 1GB RAM on board
- ❑ **RP0060700 (included in package)**
7" Screen Protective Film
- ❑ **RZUSK7010 (included in package)**
USB Clamp & Tying Strap

Optional:

- ❑ **RZ0CDS000:** CODESYS activation card & license sticker
- ❑ **RZACEA020:** EasyAccess 2.0 Activation Card

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	GND	

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

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



Feature

- 7" 1024 x 600 IPS LCD, LED Backlight
- Quad-core Cortex-A35 CPU with High Performance dedicated 3D Processor
- Fan-less Cooling System
- Built-in 4GB Flash Memory and RTC
- COM2 and COM3 RS-485 2W supports MPI 187.5K, please use one at a time
- CAN Bus Supports CANopen, CAN Bus 2.0A/2.0B and SAE J1939
- Built-in Power Isolator
- NEMA4 / IP66 Compliant Front Panel

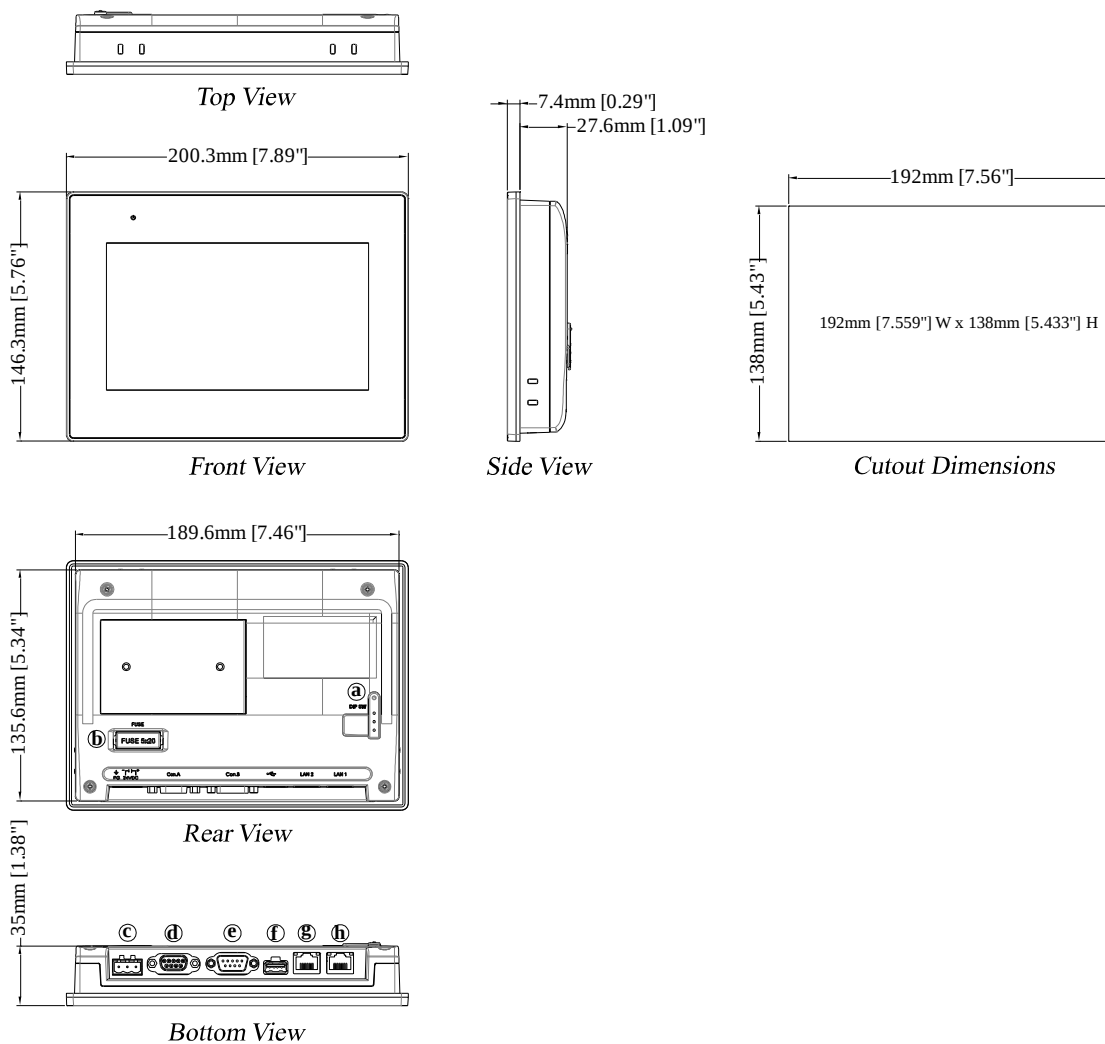
Display	Display	7" IPS
	Resolution	1024 x 600
	Brightness (cd/m ²)	450
	Contrast Ratio	800:1
	Backlight Type	LED
	Backlight Life Time	>25,000 hrs.
	Colors	16.7M
	LCD Viewing Angle (T/B/R/L)	85/85/85/85
	Pixel Pitch (mm)	0.1506 (H) x 0.1432 (V)
Touch Panel	Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	4 GB
	RAM	1 GB
Processor		Quad-core RISC
I/O Port	SD Card Slot	N/A
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	LAN 1: 10/100 Base-T x 1 LAN 2: 10/100 Base-T x 1
	COM Port	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus Con.B: COM1 RS-232 4W, COM3 RS-232 2W*
	RS-485 Dual Isolation	N/A
	CAN Bus	Yes
	HDMI	N/A
	Audio Output	N/A
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	850mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	200.3 x 146.3 x 35.0 mm
	Panel Cutout	192 x 138 mm
	Weight	Approx. 0.6 kg
	Mount	Panel mount
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel
	Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)
	Operating Temperature	0° ~ 55°C (32° ~ 131°F)
	Relative Humidity	10% ~ 90% (non-condensing)
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Certificate	CE	CE marked
	UL	cULus Listed
Software	EasyBuilder Pro	V6.04.02 or later versions
	Weincloud	EasyAccess 2.0 (Optional), Dashboard* (Optional)
	CODESYS®	Optional

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

* Dashboard requires EasyBuilder Pro V6.06.01 or later versions.

* CODESYS® is a trademark of 3S-Smart Software Solutions GmbH.

Dimensions



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

Accessories

- ❑ **cMT3072XH:**
7" IPS LCD HMI, 4GB flash memory, 1GB RAM on board
- ❑ **RP0060700 (included in package)**
7" Screen Protective Film
- ❑ **RZUSK7010 (included in package)**
USB Clamp & Tying Strap

Optional:

- ❑ **RZ0CDS000:** CODESYS activation card & license sticker
- ❑ **RZACEA020:** EasyAccess 2.0 Activation Card

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	GND	

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

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



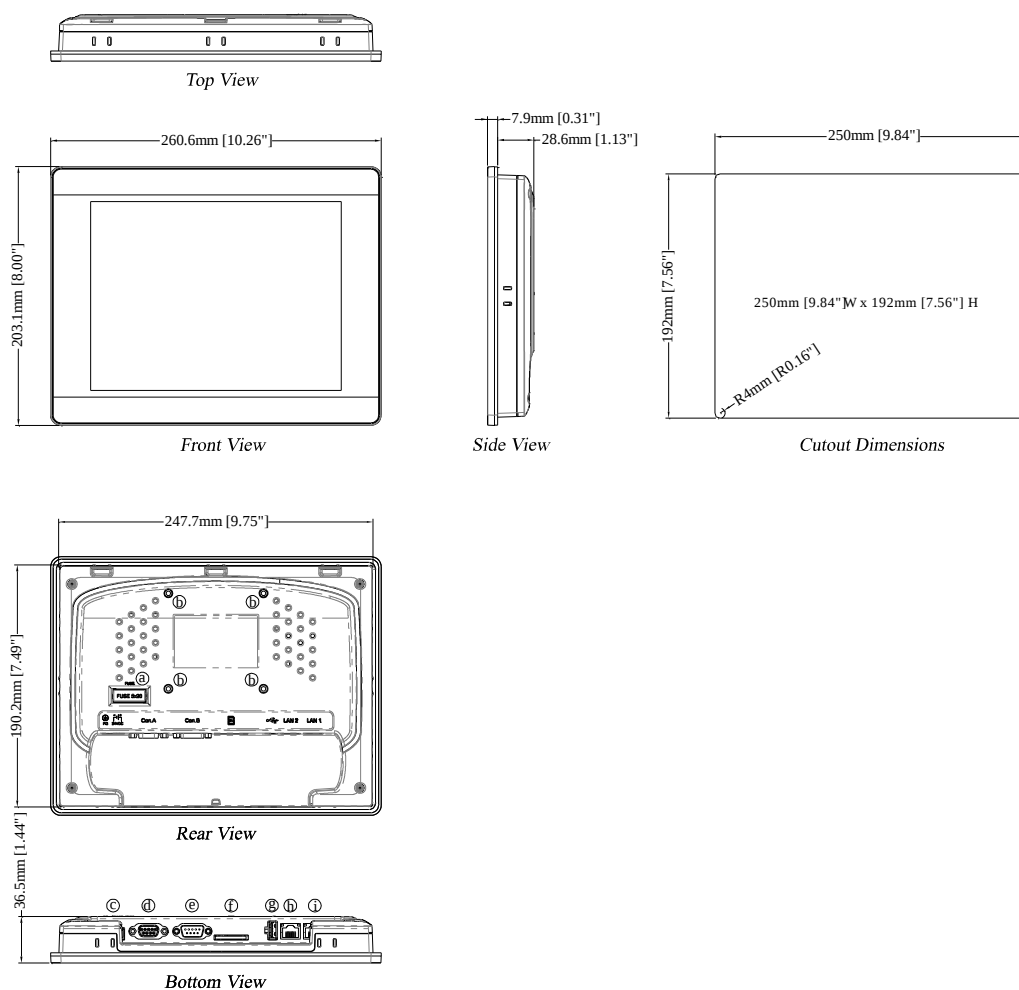
Feature

- 9.7" 1024 x 768 TFT LCD
- Fan-less Cooling System
- Built-in 4GB Flash Memory and RTC
- SD Card Slot Supports SD/SDHC Cards
- COM2 / COM3 RS-485 2W Supports MPI 187.5K
- CAN Bus Supports CANopen Protocol
- 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	4 GB
	RAM	1 GB
Processor		32 bits RISC Cortex-A9 1GHz
I/O Port	SD Card Slot	SD/SDHC
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1
	COM Port	Con.A: COM2 RS-485 2W/4W, COM3 RS-485, CAN Bus Con.B: COM1/COM3 RS-232*
	RS-485 Isolation	N/A
	CAN Bus	Yes
	HDMI	N/A
	Audio Output	Built-in Mono Speaker
	Video Input	N/A
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	900mA@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	Plastic
	Dimensions WxHxD	260.6 x 203.1 x 36.5 mm
	Panel Cutout	250 x 192 mm
	Weight	Approx. 0.92 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
	UL	cULus Listed
Software		EasyBuilder Pro

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

Dimensions



a	Fuse	f	SD Card Slot
b	VESA 75 mm Screw Holes	g	USB Host
c	Power Connector	h	LAN 2
d	COM2 RS-485, COM3 RS-485, CAN Bus (Con.A)	i	LAN 1
e	COM1, COM3 RS-232 (Con.B)		

Pin Assignment:

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

PIN#	COM1 [RS232]	COM3 [RS232]
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]2W	COM2 [RS485]4W	COM3 [RS485]	CAN Bus
1	Data-	Rx-		
2	Data+	Rx+		
3		Tx-		
4		Tx+		
5	GND			
6			Data-	
7				CAN_L
8				CAN_H
9			Data+	

Ordering Information

❑ cMT3090:

9.7" TFT LCD HMI, 4GB flash memory, 1GB RAM on board, Built-in EasyAccess 2.0 license

❑ RP0080900 (included in package)

PET V1.0 Screen Protective Film

HMI with 10.1" TFT Display



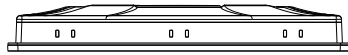
Feature

- 10.1" 1024 x 600 TFT LCD, LED Backlight
- Fan-less Cooling System
- COM2 and COM3 RS-485 support MPI 187.5K, please use one at a time.
- PCB coating process ensures high reliability to resist from corrosion in harsh environment.
- Built-in Power Isolation
- CAN Bus Supports CANopen, CAN Bus 2.0A/2.0B and SAE J1939
- NEMA4 / IP66 Compliant Front Panel
- Wi-Fi compatible with 802.11 b/g/n
- Built-in EasyAccess 2.0 License

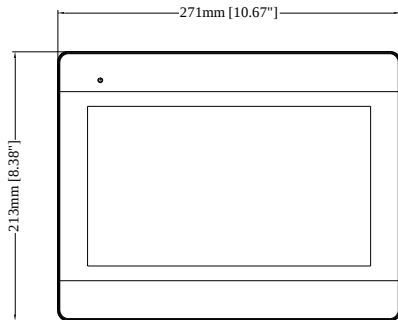
Display	Model	cMT3103
	Display	10.1" TFT
	Resolution	1024 x 600
	Brightness (cd/m ²)	350
	Contrast Ratio	500:1
	Backlight Type	LED
	Backlight Life Time	>50,000 hrs.
	Colors	16.7M
	LCD Viewing Angle (T/B/L/R)	60/60/70/70
	Pixel Pitch (mm)	0.2175(H) x 0.2088(V)
Touch Panel	Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	4 GB
	RAM	1 GB
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
	Wi-Fi	IEEE 802.11 b/g/n
		802.11b: max 19.25 dBm
		802.11g: max 13.74 dBm
		802.11n: max 15.01 dBm
	COM Port	Con.A:COM2 RS-485 2W/4W,COM3 RS-485 2W,CAN Bus Con.B: COM1/COM3 RS-232*
	RS-485 Dual Isolation	N/A
RTC	CAN Bus	Yes
	Audio Output	N/A
	Video Input	N/A
		Built-in
Power	Input Power	10.5~28VDC
	Power Isolation	Built-in
	Power Consumption	2A@12V ; 1A@24V
	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	271 x 213 x 36.4 mm
	Panel Cutout	260 x 202 mm
	Weight	Approx. 1.07 kg
	Mount	Panel mount
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 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
	UL	cULus Listed
Software		EasyBuilder Pro V6.00.02 or later versions

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

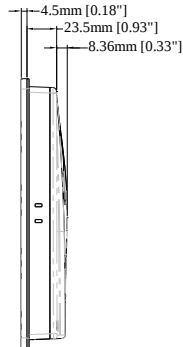
Dimensions



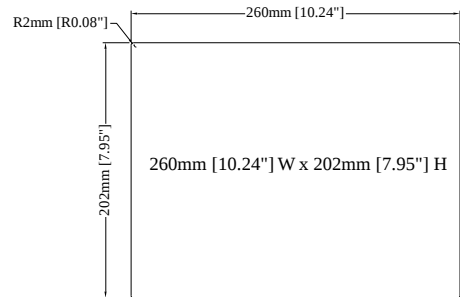
Top View



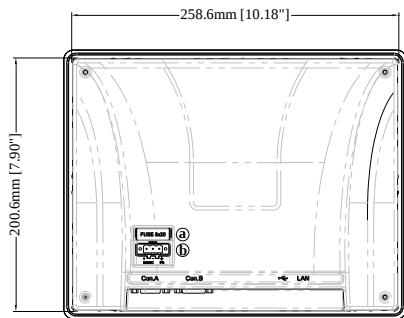
Front View



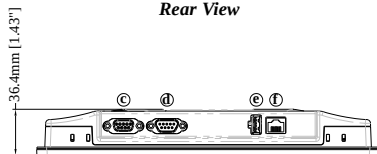
Side View



Cutout Dimensions



Rear View



Bottom View

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

Ordering Information

❑ cMT3103:

10.1" 1024 x 600 TFT LCD HMI, Built-in 4GB flash memory / 1GB DDR3 RAM on board, Built-in EasyAccess 2.0 License

❑ RZUSK7010 (included in package)

USB Clamp & Tying Strap

❑ RP0C3A300 (included in package)

10.1" Screen Protective Film

Pin Assignment:

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

PIN#	COM1 [RS232]	COM3 [RS232]
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]2W	COM2 [RS485]4W	COM3 [RS485]2W	CAN Bus
1	Data-	Rx-		
2	Data+	Rx+		
3		Tx-		
4		Tx+		
5	GND			
6			Data-	
7				CAN_L
8				CAN_H
9			Data+	

HMI with 15" WVA Display



Feature

- 15" 1024 x 768 Wide Viewing Angle LCD
- Quad-core CPU with High Performance Dedicated 3D Processor
- Tempered Glass, Capacitive Type Touchscreen
- Fan-less Cooling System
- Built-in 4GB Flash Memory and RTC
- SD Card Slot for Expansion of Storage
- COM1 / COM3 RS-485 2W Supports MPI 187.5K, please use one at a time.
- Built-in Power Isolator
- NEMA4/IP66 Compliant Front Panel

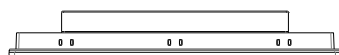
Display	Display	15" Wide Viewing Angle (WVA)
	Resolution	1024 x 768
	Brightness (cd/m ²)	350
	Contrast Ratio	2500:1
	Backlight Type	LED
	Backlight Life Time	>70,000 hrs.
	Colors	16.2M
	LCD Viewing Angle (T/B/R/L)	88/88/88/88
	Pixel Pitch (mm)	0.297(H) x 0.297(V)
Touch Panel	Type	Tempered Glass, Capacitive Type
	Hardness Scale	7H
Memory	Flash	4 GB
	RAM	1 GB
Processor		Quad-core RISC
I/O Port	SD Card Slot	SD/SDHC
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1
	COM Port	Con.A: COM1 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	N/A
	HDMI	N/A
	Audio Output	Built-in Mono Speaker Audio Line Out - 3.5 mm jack x 1
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	1.3A@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC
Specification	PCB Coating	Yes
	Enclosure	Front bezel: Plastic, Rear Enclosure: Aluminum
	Dimensions WxHxD	366 x 293 x 51.5 mm
	Panel Cutout	352 x 279 mm
	Weight	Approx. 2.85 kg
	Mount	Panel mount, VESA mount 75 x 75 mm
Environment	Protection Structure	NEMA4 / IP66 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)
	Altitude (Air Pressure)	Below 3,000 meters (70.1kPa)
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Certificate	CE	CE marked
	UL	cULus Listed
Software	EasyBuilder Pro	V6.04.01 or later versions*
	Weincloud	EasyAccess 2.0 (Optional), Dashboard (Optional)
	CODESYS®	Optional

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

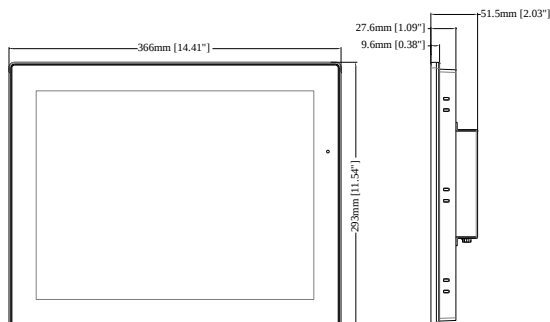
*For units labeled as cMT3152X (V2), please select cMT3152X (V2) as the HMI model in EasyBuilder Pro (minimum software requirement: EasyBuilder Pro V6.08.01).

*CODESYS® is a trademark of CODESYS GmbH.

Dimensions

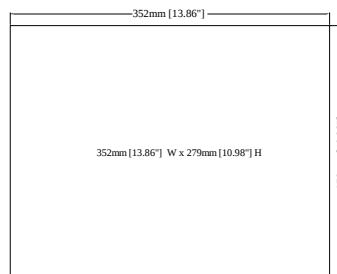


Top View

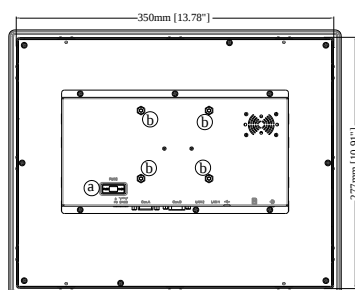


Front View

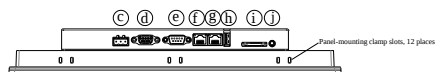
Side View



Cutout Dimensions



Rear View



Bottom View

a	Fuse	f	LAN 2
b	VESA 75mm Screw Holes	g	LAN 1
c	Power Connector	h	USB Host port
d	COM1 RS-485 2W/4W, COM3 RS-485 2W (Con.A)	i	SD Card Slot
e	COM1 RS-232 4W, COM3 RS-232 2W (Con.B)	j	Line Out

Cutout Dimensions

Ordering Information

□ cMT3152X:

15" 1024 x 768 WVA LCD HMI, 4GB flash memory, 1GB RAM on board

Optional:

- **RZACEA020**: EasyAccess 2.0 Activation Card
- **RZ0CDS000**: CODESYS License

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	GND	

Con. A: COM1 / COM3 [RS485] 9 Pin, Female, D-sub

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

HMI with 15.6" FHD IPS Display



Feature

- The oTP integrated touch solution offers an edge-to-edge design, high-resolution and high-transmittance.
- 15.6" 1920 x 1080 FHD IPS LCD
- Quad-core Cortex-A17 CPU with High Performance dedicated 3D Processor
- Fan-less Cooling System
- Built-in 4GB Flash Memory and RTC
- Built-in Power Isolator
- NEMA4/IP66 Compliant Front Panel

Display	Display	15.6" IPS
	Resolution	1920 x 1080
	Brightness (cd/m ²)	300
	Contrast Ratio	800:1
	Backlight Type	LED
	Backlight Life Time	>30,000 hrs.
	Colors	16.2M
	LCD Viewing Angle (T/B/R/L)	89/89/89/89
	Pixel Pitch (mm)	0.17925(H) x 0.17925(V)
Touch Panel	Type	Tempered Glass, Capacitive Type
	Hardness Scale	7H
Memory	Flash	4 GB
	RAM	1 GB
Processor		Quad-core RISC
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: COM1 RS-485 2W/4W, COM3 RS-485 2W Con.B: COM1 RS-232 4W, COM3 RS-232 2W* MPI is not supported.
	RS-485 Isolation	N/A
	CAN Bus	N/A
	HDMI	N/A
	Audio Output	Built-in Mono Speaker
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	1.3A@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC
Specification	PCB Coating	Yes
	Enclosure	Front bezel: Plastic, Rear Enclosure: Aluminum
	Dimensions WxHxD	400 x 263 x 27.6 mm
	Panel Cutout	384 x 247 mm
	Weight	Approx. 1.6 kg
	Mount	Panel mount, VESA mount 100 x 100 mm
Environment	Protection Structure	NEMA4 / IP66 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	V6.04.01 or later versions
	Weincloud	EasyAccess 2.0 (Optional), Dashboard* (Optional)

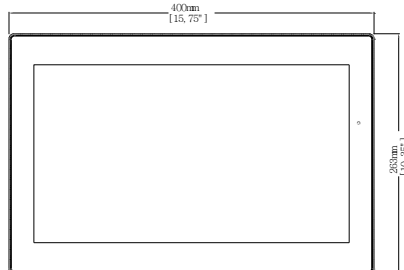
* Only Tx & Rx (no RTS/CTS) may be used for COM1 RS-232 when COM3 RS-232 is also used.

* Dashboard requires EasyBuilder Pro V6.06.01 or later versions.

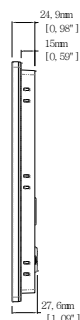
Dimensions



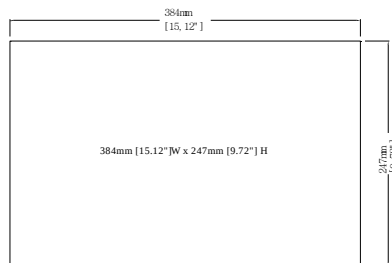
Top View



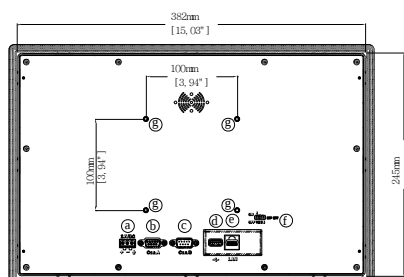
Front View



Side View



Cutout Dimensions



Rear View



Bottom View

a	Power Connector	e	LAN
b	COM1 RS-485, COM3 RS-485, (Con.A)	f	DIP SW
c	COM1 RS-232, COM3 RS-232 (Con.B)	g	VESA 100mm Screw Holes
d	USB Host	h	

Ordering Information

- ☐ **cMT3161X:**
15.6" IPS LCD HMI, 4GB flash memory, 1GB RAM on board
- ☐ **RZACEA020** (optional):
EasyAccess 2.0 Activation Card

Pin Assignment:

Cutout Dimensions

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	GND	

Con. A: COM1 / COM3 [RS485] / 9 Pin, Female, D-sub

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



Smart HMI with 15" XGA IPS Display

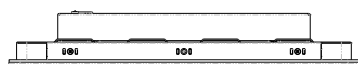
Feature

- Aluminum Housing
- 15" 1024x768 IPS LCD
- Fan-less Cooling System
- Built-in 64GB SSD and RTC
- SD Card Slot Supports SD/SDHC Cards
- Power Isolator Inside
- NEMA4/IP65 Compliant Front Panel

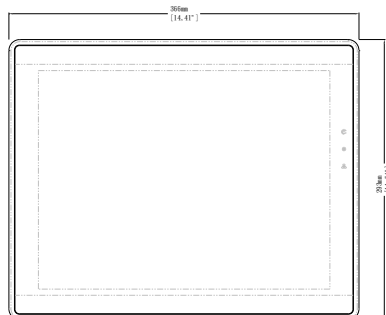
Display	Display	15" IPS
	Resolution	1024 x 768
	Brightness (cd/m ²)	400
	Contrast Ratio	1000:1
	Backlight Type	LED
	Backlight Life Time	>50,000 hrs.
	Colors	16.2M
	LCD Viewing Angle (T/B/L/R)	89/89/89/89
	Pixel Pitch (mm)	0.297 (H) x 0.297 (V)
Touch Panel	Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
Memory	SSD	64 GB
	RAM	4 GB
Processor		Intel Atom E3827
I/O Port	SD Card Slot	SD/SDHC/SDXC
	USB Host	USB 2.0 x 2 / USB 3.0 x 1
	Ethernet	10/100/1000 Base-T x 2
	Audio Output	Built-in Mono Speaker Audio Line Out – 3.5 mm jack x 1
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	2A@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC
Specification	Vibration Endurance	10 to 25Hz(X,Y,Z direction 2G 30 minutes)
	PCB Coating	Yes
	Enclosure	Aluminum
	Dimensions WxHxD	366 x 293 x 54.2 mm
	Panel Cutout	352 x 279 mm
	Weight	Approx. 2.76 kg
Environment	Mount	Panel mount, VESA mount 75 x 75 mm
	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP65 Compliant Front Panel
	Storage Temperature	-20° ~ 70°C (-4° ~ 158°F)
	Operating Temperature	0° ~ 50°C (32° ~ 122°F)
Certificate	Relative Humidity	10% ~ 90% (non-condensing)
	CE	CE marked
OS Support	UL	cULus Listed
		* Windows® 7 / Windows® 8.1 / Windows® 10 IoT Enterprise (EasyLauncher + cMT Viewer)

*License of Windows OS is excluded.

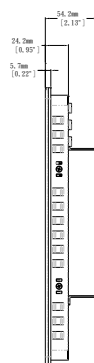
Dimensions



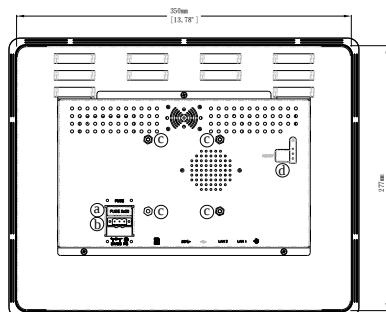
Top View



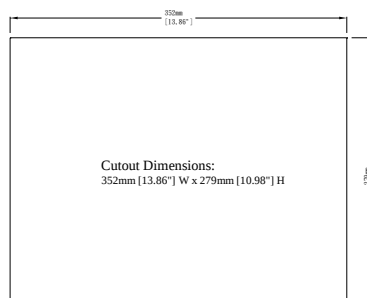
Front View



Side View



Rear View



Bottom View

a	Fuse	h	LAN 2
b	Power Connector	i	LAN 1
c	VESA 75mm Screw Holes	j	Line Out
d	Reset Button		
e	SD CARD SLOT		
f	USB Host port 3.0		
g	USB Host port 2.0		

Ordering Information

- ☐ **cMT-iPC15:**
15" IPS LCD Smart HMI, 64GB SSD, 4GB DDR3L SO-DIMM
- ☐ **cMT-iPC15WK-WES7**
cMT-iPC15 with OS: Windows Embedded Standard 7
- ☐ **cMT-iPC15WK-WIoT**
cMT-iPC15 with OS: Windows 10 IoT Enterprise
- ☐ **RP0081500 (included in package)**
15" Screen Protective Film



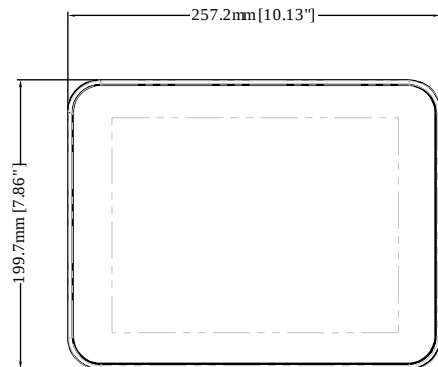
Cloud Human Machine Interface

Features

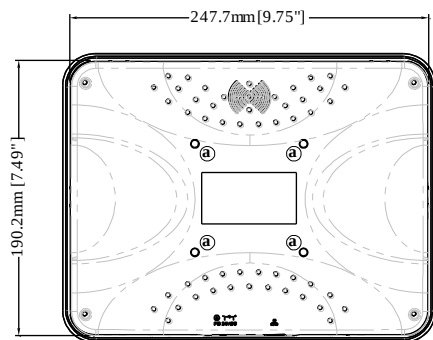
- 9.7" 1024 x 768 TFT LCD, LED Backlight
- Fan-less Cooling System
- Built-in 512 MB Flash Memory
- One Gigabit Ethernet Port
- Built-in mono speaker
- Built-in Power Isolator

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
Touch Panel	Type	Tempered Glass, Capacitive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	512 MB
	RAM	1 GB
Processor		32 bits RISC Cortex-A9 1GHz
I/O Port	SD Card Slot	N/A
	USB Host	N/A
	USB Client	N/A
	Ethernet	10/100/1000 Base T x 1
	COM Port	N/A
	RS-485 Dual Isolation	N/A
	CAN Bus	N/A
	HDMI	N/A
	Audio Output	Built-in Mono Speaker
RTC	Video Input	N/A
		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	900mA@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	257.2 x 199.7 x 32.7 mm
	Panel Cutout	250 x 192 mm
	Weight	Approx. 0.76 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
	UL	cULus Listed
Language	Display	English, French, Italian, Spanish, Russian, Simplified Chinese, Traditional Chinese, Korean, German
	Input Methods	English, French, Italian, Spanish, German, Russian, Pinyin, Zhuyin
Software		cMT Viewer

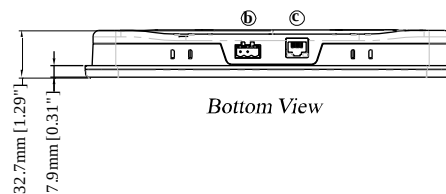
cMT-iV5 Dimensions



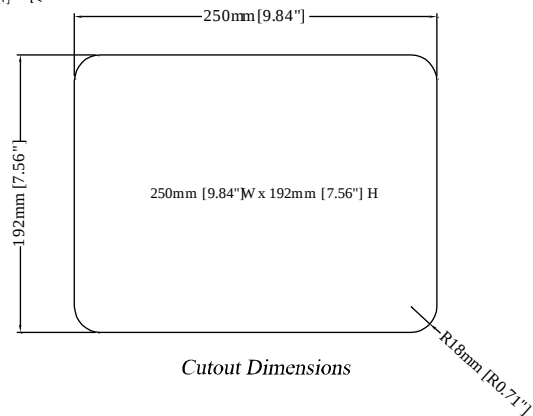
Front View



Rear View



Bottom View



Cutout Dimensions

a	VESA 75 mm Screw Holes	c	Ethernet Port
b	Power Connector		

Ordering Information

cMT-iV5

Cloud Human Machine Interface
512 MB flash memory
1 GB RAM on board
10/100/1000M Ethernet port x 1

cMT-SVRiV5

cMT-SVR & cMT-iV5 Bundle Package
cMT-SVR x 1
cMT-iV5 x 1
Ethernet cable 2m x 1



Feature

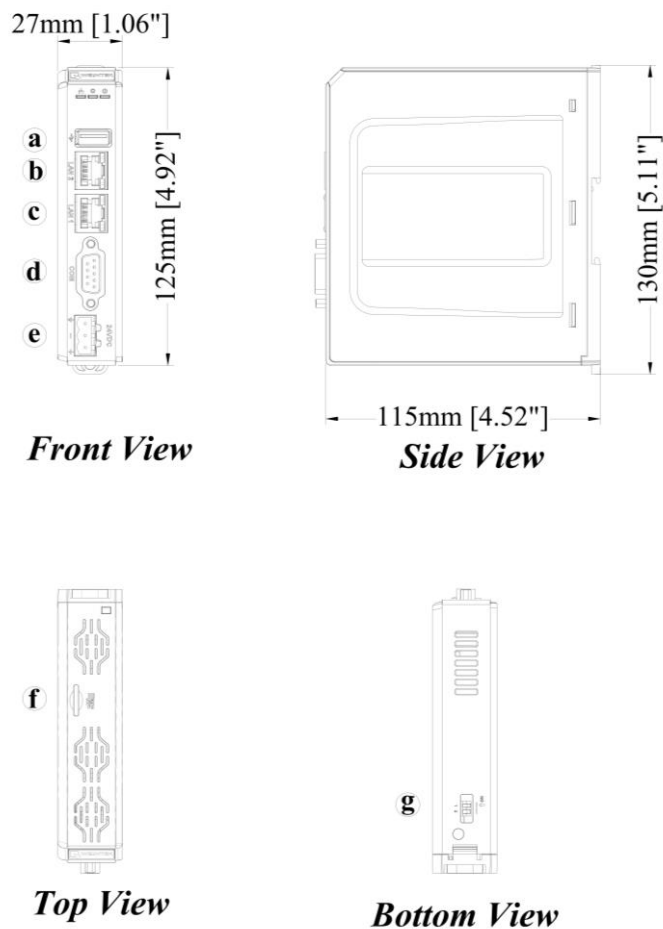
- Supports Display on cMT Viewer Clients
- Compact Design and DIN-rail Mountable
- Fan-less Cooling System
- Built-in 256 MB Flash Memory
- microSD Card Slot for Expansion of Storage
- One USB Host Port
- Supports MPI 187.5K*
- Built-in Power Isolator

Memory	Flash	256 MB
	RAM	256 MB
Processor		Quad-core RISC
I/O Port	SD Card Slot	microSD x 1
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	10/100 Base-T x 2
	COM Port	COM1: RS-232 2W COM2: RS-485 2W/4W COM3: RS-485 2W
	RS-485 Dual Isolation	N/A
	CAN Bus	N/A
	HDMI Output	N/A
	Audio Output	N/A
		N/A
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	230mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	27 x 130 x 115 mm
	Weight	Approx. 0.18 kg
	Mount	35mm DIN rail mounting
Environment	Protection Structure	IP20
	Storage Temperature	-20° ~ 70°C (-4° ~ 158°F)
	Operating Temperature	-20° ~ 55°C (-4° ~ 131°F)
	Relative Humidity	10% ~ 90% (non-condensing)
	Altitude	3,000 m
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Certificate	CE	CE marked
	UL	cULus Listed
Software	EasyBuilder Pro	V4.00.01 or later versions*
	Weincloud	EasyAccess 2.0 (Optional)

*For products with serial number 2212***** or later, the minimum software requirement for MPI: EasyBuilder Pro V6.07.02.

*The minimum software requirement for units labeled as cMT-SVR-100 (V2): EasyBuilder Pro V6.09.02.

Dimensions



a	USB Host Port	e	Power Connector
b	LAN 2	f	microSD Card Slot
c	LAN 1	g	DIP Switch
d	COM1: RS-232 2W, COM2: RS-485 2W/4W, COM3: RS-485 2W		

Ordering Information

□ cMT-SVR-100:

256 MB flash memory, 256 MB RAM on board, 10/100M Ethernet port x 2

Optional:

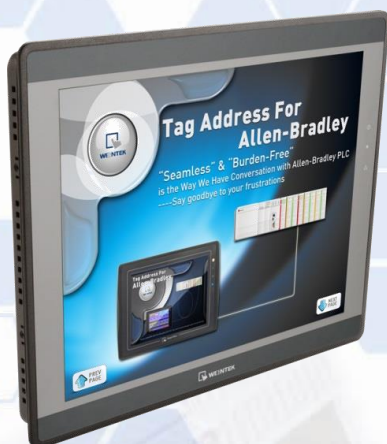
□ RZACEA020: EasyAccess 2.0 Activation Card

Pin Assignment:

COM1 [RS232], COM2 / COM3 [RS485], 9 Pin, Male, D-sub

PIN#	COM1 [RS-232] 2W	COM2 [RS-485]		COM3 [RS-485] 2W
		2W	4W	
1				Data+
2	RxD			
3	TxD			
4				Data-
5	GND			
6		Data+	Rx+	
7		Data-	Rx-	
8			Tx+	
9			Tx-	

HMI with 15" XGA TFT Display



Feature

- Aluminum Housing
- 15" 1024 x 768 TFT LCD
- Fan-less Cooling System
- Built-in 4GB Flash Memory and RTC
- SD Card Slot Supports SD/SDHC Cards
- COM1 / COM3 RS-485 2W Supports MPI 187.5K, please use one at a time.
- CAN Bus Supports CANopen Protocol
- COM1 / COM3 RS-485 & CAN Bus Built-in Isolation
- Built-in Power Isolator
- NEMA4/IP65 Compliant Front Panel
- Built-in EasyAccess 2.0 License

Display	Display	15" TFT
	Resolution	1024 x 768
	Brightness (cd/m ²)	400
	Contrast Ratio	700:1
	Backlight Type	LED
	Backlight Life Time	>50,000 hrs.
	Colors	16.2M
	LCD Viewing Angle (T/B/R/L)	70/70/80/80
Touch Panel	Type	4-wire Resistive Type / 5-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	4 GB
	RAM	1 GB
Processor		32 bits RISC Cortex-A9 1GHz
I/O Port	SD Card Slot	SD/SDHC
	USB Host	USB 2.0 x 1
	USB Client	USB 2.0 x 1 (Micro USB)
	Ethernet	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1
	COM Port	COM1: RS-232/RS-485 2W/4W, COM3: RS-232/RS-485 2W*
	RS-485 Isolation	Yes
	CAN Bus	Yes
	HDMI	N/A
	Audio Output	Built-in Mono Speaker Audio Line Out - 3.5 mm jack x 1
	Video Input	N/A
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	900mA@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 48.2 mm
	Panel Cutout	352 x 279 mm
	Weight	Approx. 2.45 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° ~ 70°C (-4° ~ 158°F)
	Operating Temperature	0° ~ 50°C (32° ~ 122°F)
	Relative Humidity	10% ~ 90% (non-condensing)
Certificate	CE	CE marked
	UL	cULus Listed
Software		EasyBuilder Pro V6.01.02 or later versions

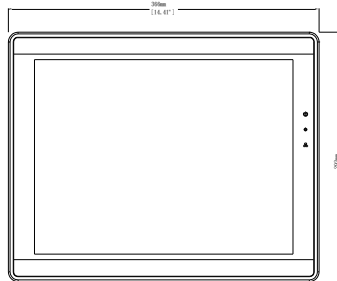
*Only Tx & Rx (no RTS/CTS) may be used for COM1 RS-232 when COM3 RS-232 is also used.

Dimensions

英文版



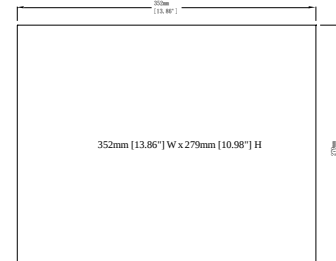
Top View



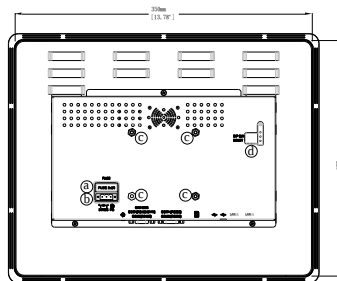
Front View



Side View



Cutout Dimensions



Rear View



Bottom View

a	Fuse	g	COM1 RS-232, COM3 RS-232
b	Power Connector	h	SD CARD SLOT
c	VESA 75mm Screw Holes	i	USB Client port
d	DIP SW & Reset Button	j	USB Host port
e	Line Out	k	LAN 2
f	COM1 RS-485, COM3 RS-485, CAN Bus	l	LAN 1

Pin Assignment:

9 Pin, Male, D-sub COM1 / COM3 [RS232]

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

Ordering Information

❑ cMT3151:

15" TFT LCD HMI, 4GB flash memory, 1GB RAM on board, Built-in EasyAccess 2.0 license

❑ RP0081500 (included in package)

15" Screen Protective Film

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

PIN#	Com1 [RS485]2w	Com1 [RS485]4w	Com3 [RS485]2w	CAN Bus
1	Data-	Rx-		
2	Data+	Rx+		
3		Tx-		
4		Tx+		
5	GND (isolation)			
6			Data-	
7				CAN_L
8				CAN_H
9			Data+	



По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
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Волгоград (844)278-03-48
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Иркутск (395)279-98-46
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Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
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