WEINTEK

cMT2108X

HMI with 10.1" TFT Display

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.
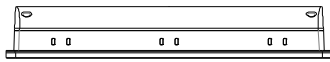- Built-in Power Isolation
- NEMA4 / IP66 Compliant Front Panel

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

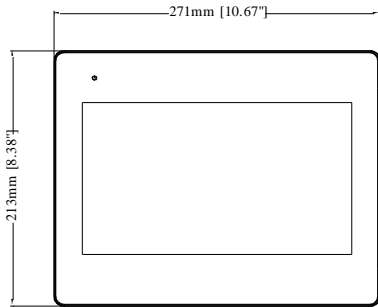*Only Tx & Rx (no RTS/CTS) may be used for COM1 RS-232 when COM3 RS-232 is also used.
* Dashboard requires EasyBuilder Pro V6.06.01 or later versions.
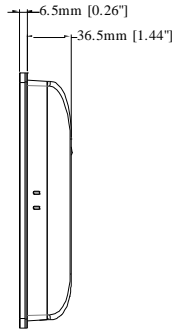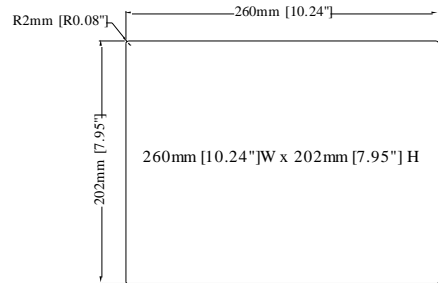* CODESYS® is a trademark of 3S-Smart Software Solutions GmbH.
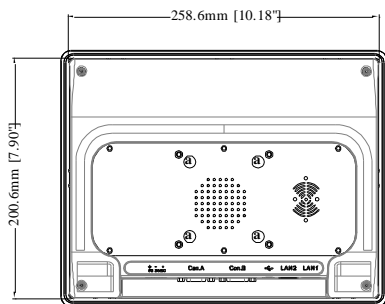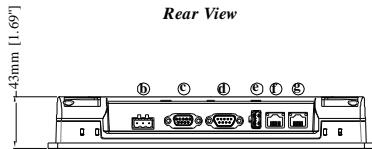
Dimensions

Top View

Front View

Side View

6.5mm [0.26"]
36.5mm [1.44"]
R2mm [R0.08"]
260mm [10.24"]
202mm [7.95"]

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

Cutout Dimensions

258.6mm [10.18"]
200.6mm [7.90"]

Rear View

43mm [1.69"]

Bottom View

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:

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+