



Feature

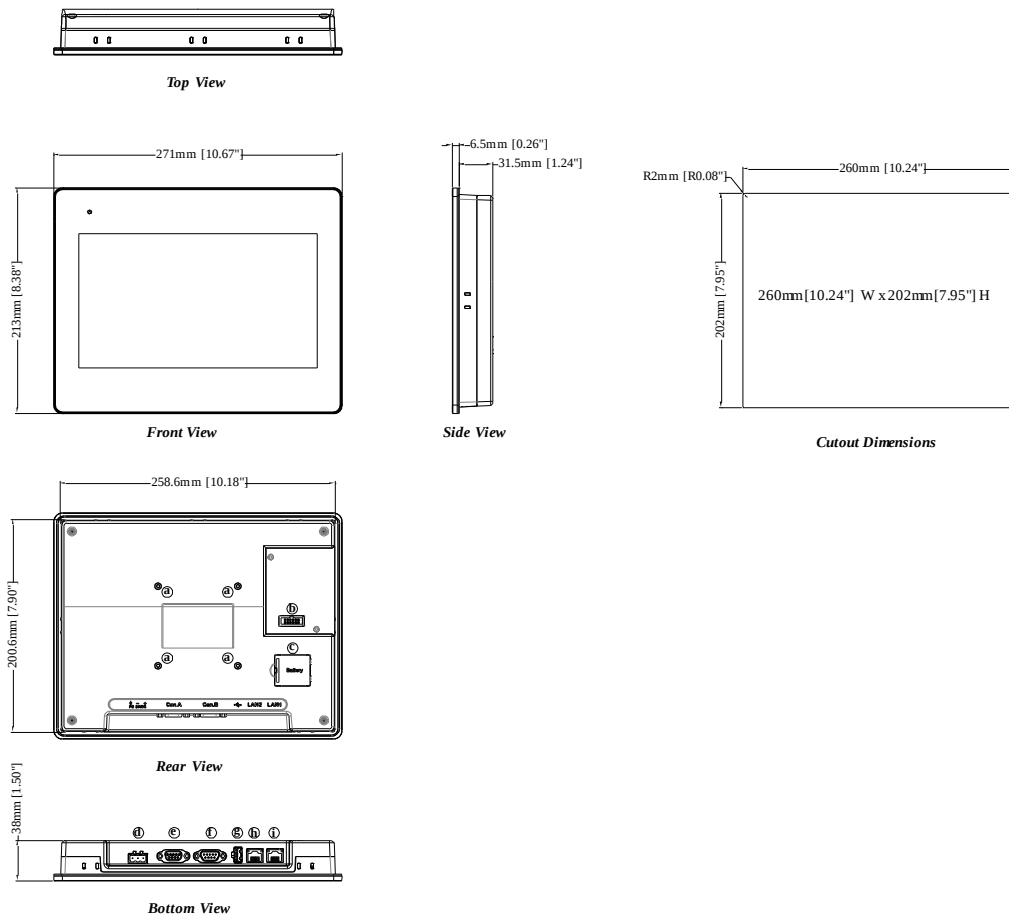
- 10.1" 1024 × 600 Wide Viewing Angle LCD
- Resistive touch panel
- COM port × 3, Ethernet port × 2, USB host port × 1
- Built-in 4GB Flash and 1GB RAM
- COM2 / COM3 RS-485 2W supports MPI 187.5K, please use one at a time
- Fan-less Cooling System
- Compatible with M02 WiFi Expansion Module that supports wireless communication

Display	Display	10.1" Wide Viewing Angle (WVA)
	Resolution	1024 x 600
	Brightness (cd/m ²)	400
	Contrast Ratio	500:1
	Backlight Type	LED
	Backlight Life Time	>30,000 hrs.
	Colors	16.7M
	LCD Viewing Angle (T/B/L/R)	85/85/85/85
	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 2
	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
	Audio Output	N/A
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	420mA@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° ~ 55°C (32° ~ 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
Software	EasyBuilder Pro	V6.10.01 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.

*CODESYS® is a trademark of CODESYS GmbH.

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 2
i	LAN 1

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	

Ordering Information

□ cMT2102X:

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

□ **RZUSK7010 (included in package)**
USB Clamp & Tying Strap

Optional:

- **M02**: WiFi Expansion Module
- **RZACEA020**: EasyAccess 2.0 Activation Card
- **RZ0CDS000**: CODESYS License

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+