

# cMT-G02X

Gateway



## Key Features

- ▶ OPC UA, MQTT, Modbus industrial protocol support
- ▶ WiFi compatible with 802.11 b/g/n
- ▶ Built-in 256 MB FLASH and 256 MB RAM
- ▶ COM port × 3, Ethernet port × 1, USB host port × 1
- ▶ Fan-less cooling system

# Technical Specifications

## Memory

FLASH	256 MB
RAM	256 MB

## Processor

CPU	Quad-core RISC
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## I/O Port

Memory Card Type	N/A
USB Host	USB 2.0 × 1
Ethernet	10/100 Base-T × 1
COM Port	COM1: RS-232 2W COM2: RS-485 2W/4W COM3: RS-485 2W
WiFi	IEEE 802.11 b/g/n 802.11b: max 19.52 dBm 802.11g: max 15.35 dBm 802.11n: max 15.28 dBm
RS-485 Dual Isolation	N/A
CAN Bus	N/A
Audio Output	N/A

## Power

Input Power	24 ± 20 % VDC
Power Isolation	Built-in
Power Consumption	450 mA @ 24 VDC
Voltage Resistance	500 VAC (1 min.)
Isolation Resistance	Exceed 50 MΩ at 500 VDC

## Mechanical

Enclosure	Plastic
Dimensions W×H×D	27 × 130 × 115 mm
Weight	Approx. 0.18 kg
Mount	35 mm DIN rail mounting

## Environment

PCB Coating	Yes
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 25 Hz (X, Y, Z direction 2G 30 minutes)

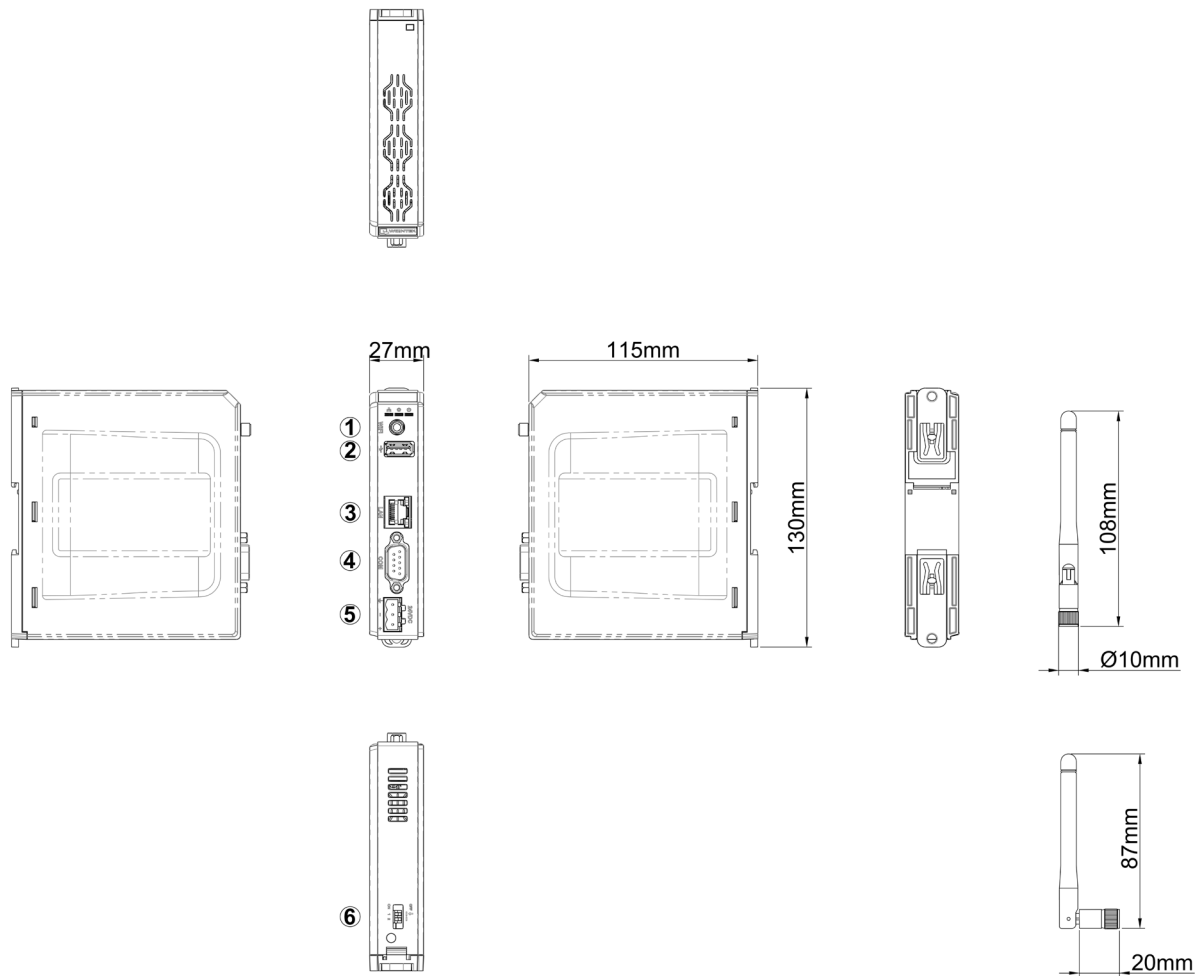
## Certificate

CE	CE Marked
UL	cULus Listed

## Software

EasyBuilder Pro	V6.09.02 or later versions
Weincloud	EasyAccess 2.0 (Optional)

## Dimensions



1	WiFi
2	USB Host
3	LAN

4	COM1: RS-232 2W, COM2: RS-485 2W/4W, COM3: RS-485 2W
5	Power Connector
6	DIP Switch

# Pin Assignment

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COM: 9 Pin, D-sub, Male

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

## Part Number

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**【cMT-G02X】**

Built-in 256 MB FLASH / 256 MB RAM, antenna 2dBi, RP-SMA plug connector

**Optional:**

**RZACEA020:** EasyAccess 2.0 Activation Card