

IIoT Gateway with WiFi

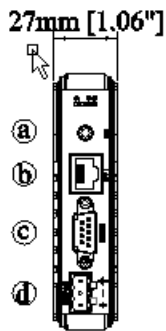


Features

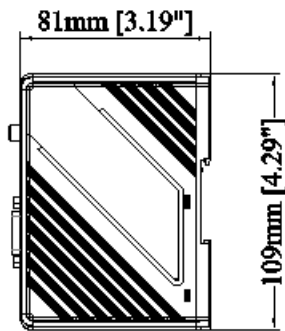
- Supports OPC UA
- Supports MQTT
- Supports MODBUS TCP/IP Gateway
- Compact Design and DIN-rail Mountable
- Fan-less Cooling System
- Built-in 256 MB Flash Memory
- Supports MPI 187.5K
- WiFi compatible with 802.11 b/g/n
- Built-in Power Isolator
- Wide input voltage range: 10.5~28VDC

Memory	Flash	256 MB
	RAM	256 MB
Processor		32 bits RISC Cortex-A8 600MHz
I/O Port	SD Card Slot	N/A
	USB Host	N/A
	USB Client	N/A
	Ethernet	10/100 Base-T x 1
	WiFi	IEEE 802.11 b/g/n 802.11b: max 15.88 dBm 802.11g: max 11.92 dBm 802.11n: max 11.28 dBm
	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	N/A
	Audio Output	N/A
	Video Input	N/A
RTC		Built-in
Power	Input Power	10.5~28VDC
	Power Isolation	Built-in
	Power Consumption	230mA@12VDC;115mA@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	109 x 81 x 27 mm
	Weight	Approx. 0.14 kg
	Mount	35 mm 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)
Certificate	CE	CE marked
	UL	cULus Listed
Software		EasyBuilder Pro V6.00.01 or later versions EasyAccess 2.0 (Optional)

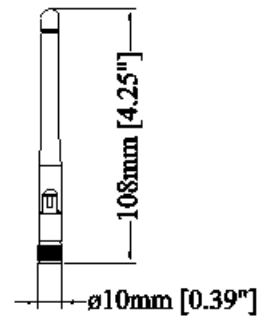
Dimensions



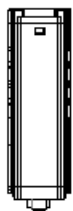
Front View



Side View



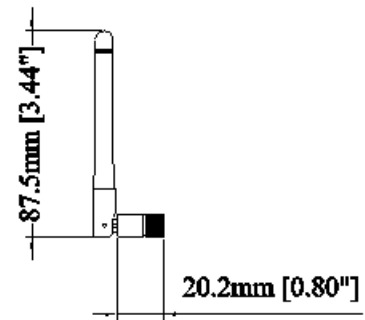
Antenna



Top View



Bottom View



a.	Wifi
b.	Ethernet 1 Port (10M/100M)
c.	COM1: RS-232 2W COM2: RS-485 2W/4W COM3: RS-485 2W
d.	Power Connector
e.	Default Button

Pin Assignment:

COM1 [RS232], COM2 [RS-485 2W/4W], COM3 [RS-485 2W]
Male, 9 Pin, D-sub

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

Ordering Information

- cMT-G02:**
Built-in 256 MB Flash / 256 MB RAM on Board
- RZC232300 (Optional):**
Multi-connector cable COM1[232] / COM2 [485] / COM3 [485]