



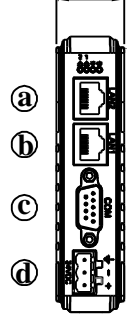
### Features

- 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
- Built-in Power Isolator

<b>Memory</b>	Flash	256 MB
	RAM	256 MB
<b>Processor</b>		32-bit RISC 600MHz
<b>I/O Port</b>	SD Card Slot	N/A
	USB Host	N/A
	USB Client	N/A
	Ethernet (LAN1)	10/100/1000 Base-T x 1
	Ethernet (LAN2)	10/100 Base-T x 1
	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
<b>RTC</b>		Built-in
<b>Power</b>	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	230mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
<b>Specification</b>	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	27 x 109 x 81 mm
	Weight	Approx. 0.14 kg
	Mount	35 mm DIN rail mounting
<b>Environment</b>	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)
<b>Certificate</b>	CE	CE marked
	UL	cULus Listed
<b>Software</b>		EasyBuilder Pro V5.06.01 or later versions EasyAccess 2.0 (Optional)

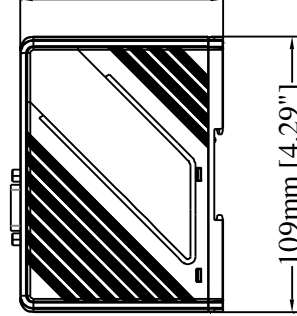
## Dimensions

27mm [1.06"]



*Front View*

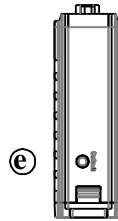
81mm [3.19"]



*Side View*



*Top View*



*Bottom View*

**Pin Assignment:**

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

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

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

### Ordering Information

- cMT-G01:**  
Built-in 256 MB Flash / 256 MB RAM on Board