

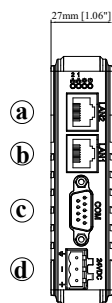


### Features

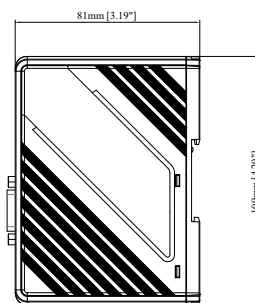
- Supports OPC UA and MQTT
- Supports MODBUS TCP/IP Gateway
- Compact Design and DIN-rail Mountable
- Fan-less Cooling System
- Built-in 256 MB Flash Memory
- Supports MPI 187.5K
- Built-in Power Isolator

|                      |                         |                                                          |
|----------------------|-------------------------|----------------------------------------------------------|
| <b>Memory</b>        | Flash                   | 256 MB                                                   |
|                      | RAM                     | 256 MB                                                   |
| <b>Processor</b>     |                         | Single-core RISC                                         |
| <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<br>COM2: RS-485 2W/4W<br>COM3: RS-485 2W |
|                      | RS-485 Dual Isolation   | N/A                                                      |
|                      | CAN Bus                 | N/A                                                      |
|                      | HDMI                    | N/A                                                      |
|                      | Audio Output            | 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                                    |
| <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)                               |
|                      | Altitude (Air Pressure) | Below 3,000 meters (70.1kPa)                             |
|                      | Vibration Endurance     | 10 to 25Hz (X, Y, Z direction 2G 30 minutes)             |
| <b>Certificate</b>   | CE                      | CE marked                                                |
|                      | UL                      | cULus Listed                                             |
| <b>Software</b>      | EasyBuilder Pro         | V5.06.01 or later versions                               |
|                      | Weincloud               | EasyAccess 2.0 (Optional)                                |

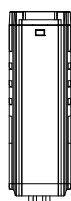
## Dimensions



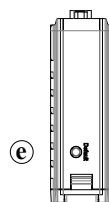
**Front View**



**Side View**



**Top View**



**Bottom View**

### Pin Assignment:

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

| PIN# | COM1<br>[RS232]<br>2W | COM2<br>[RS485] |     | COM3<br>[RS485]<br>2W |
|------|-----------------------|-----------------|-----|-----------------------|
|      |                       | 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<br>COM2: RS-485 2W/4W<br>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

### Optional:

☐ **RZACEA020:** EasyAccess 2.0 Activation Card

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cMT-G01\_Datasheet\_ENG\_20240619