



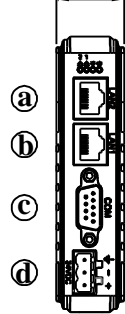
Features

- 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

| | | |
|----------------------|-----------------------|--|
| 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 (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 |
| RTC | | Built-in |
| Power | 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) |
| 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 V5.06.01 or later versions |

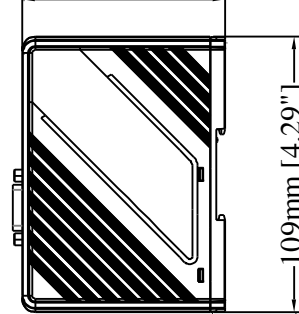
Dimensions

27mm [1.06"]



Front View

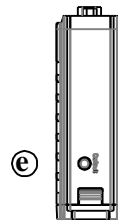
81mm [3.19"]



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- | |

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

Ordering Information

- cMT-G01:**
Built-in 256 MB Flash / 256 MB RAM on Board
- RZC232300:**
Multi-connector cable COM1[232] / COM2 [485] / COM3 [485]

Distributed by



cMT-G01_DataSheet_ENG_20170503