

# GT200-BM-MT

Modbus TCP / BACnet IP Gateway

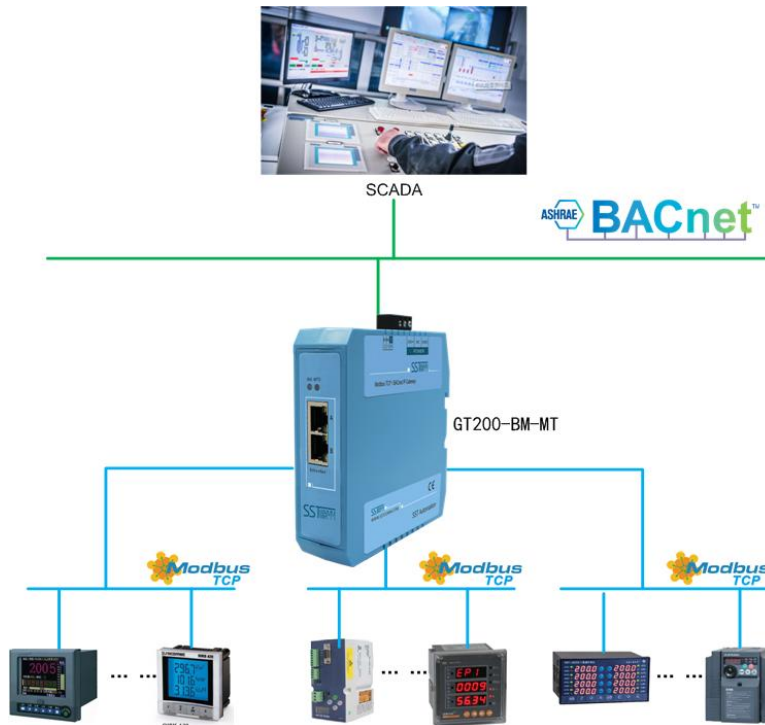
## Product Overview

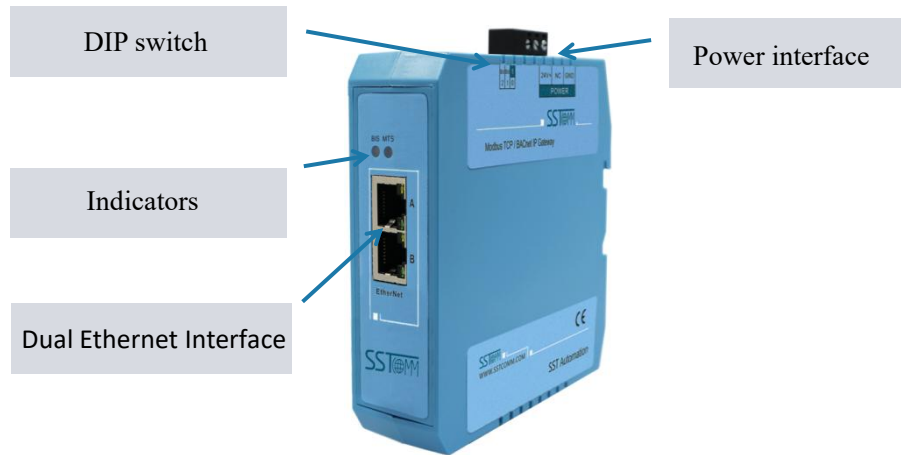
GT200-BM-MT is a gateway which can exchange data between Modbus TCP and BACnet IP. It can connect multiple Modbus TCP servers to BACnet IP client.

## Features and Benefits

- Can realize data exchange between Modbus TCP servers and BACnet IP client.
- Two Ethernet RJ45 interfaces, built-in switch function, support cascade.
- Can connect at most 36 Modbus TCP servers.
- Supports online device scanning on BACnet IP.
- Provide easy to use configuration software SST-BM-CFG.

## Use Case



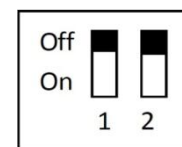


## Technical Specifications

- [1] As Modbus TCP client, support visiting at most 36 different IP or Modbus TCP servers of different unit ID, support function code 01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H.
- [2] Supports at most 500 BACnet BI, 300 BO, 300 BV, 500 AI, 300 AO, 300 AV, 500 MSI and 100 MSO.
- [3] BACnet IP can realize some services such as: Who Is, I Am, Who Has, I Have, Read Property, Write Property, Read Property Multiple.
- [4] Power supply: 24VDC (11V-30V), 90mA (24VDC).
- [5] Operating Temp: -40° F to 158° F (-40° C to 70 ° C); Rel. Humidity: 5%-95% (non-condensing).
- [6] Dimension (W\* H\* D): 1.33in\* 4.56in\* 4.21in (34mm\* 116mm\* 107mm).
- [7] Mounting: DIN Rail Mounting (35mm).
- [8] Protection class: IP20.

## DIP Switch

The DIP switch is located on the top of the gateway. Bit 2 is mode bit, bit 1 is function bit.



| Mode (bit 2) | Function (bit 1) | Description   |
|--------------|------------------|---|
| Off          | Off              | Run mode. Allows reading and writing configuration.   |
| Off          | On               | Run mode. Prohibits reading and writing configuration.  |
| On           | Off              | Configuration mode. IP address is fixed 192.168.0.10. User can only read and write configuration data, but cannot communicate between Modbus TCP and BACnet IP. |
| On           | On               | Firmware update mode. IP address is fixed 192.168.0.10.   |