

Product Overview

Our newest Industrial Ethernet gateway has the capabilities to connect various PLCs (Rockwell, Omron, Schneider, etc.), fieldbus instruments and devices to the Cloud Servers, such as Microsoft Azure, Amazon AWS, and customized Servers that support MQTT protocol.

Easy Configuration

The configuration is made using the SST configuration software SST-MQT-CFG. You install the software on your PC and connect the included RJ-45 cable to the configuration port of the gateway.

The SST-MQT-CFG is available at <https://www.sstcomm.com/Download1/>.

The easy-to-use SST MQTT gateway allows you to define the I/O data sizes on each network side and define tag mapping to the IIoT side.

Features and Benefits

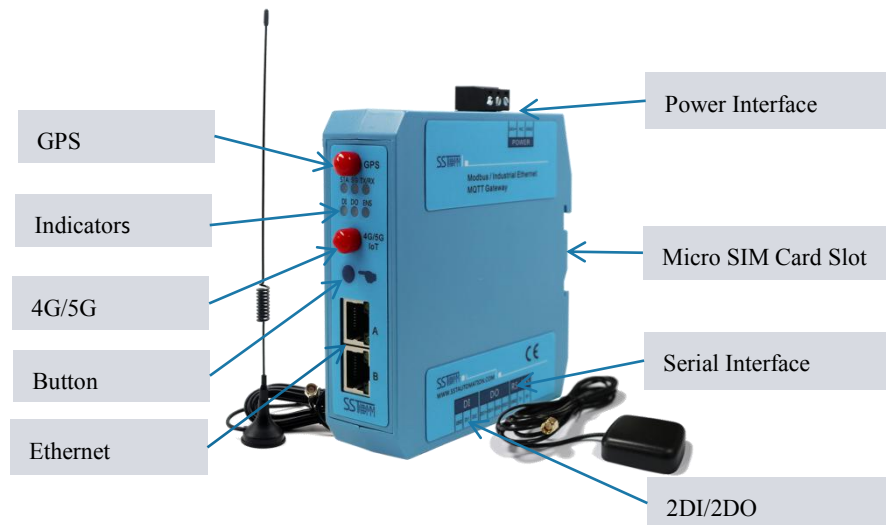
MQTT

- MQTT client acting as publisher or subscriber.
- MQTT version 3.1.1 supported.
- JSON data encoding supported.
- QoS 0-1 supported.
- User name and password authentication.
- Maximum 1000 data point tags.

Features and Benefits

Modbus/Industrial Ethernet

- Serial side can be used under Modbus Master/Server or Transparent mode.
- Supports Modbus function code 01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H.
- Ethernet side can act as Modbus TCP Client/Server or EtherNet/IP Server.
- Dual port cut-through switch.
- Dual RJ-45 ports available simultaneously.



Technical Specifications

- [1] Supports connecting Modbus / Modbus TCP master and servers and EtherNet/IP master to the MQTT servers.
- [2] Supports 2 DI and 2 DO channels.
- [3] Supports MQTT connection via 4G/5G mobile network.
- [4] Supports GPS.
- [5] Supports SSL V3.0 and TLS V1.0/V1.1/V1.2, ensuring a secure and safe communication.
- [6] Supports updating and restarting the gateway remotely.
- [7] Power supply: 24VDC (11-30 VDC).