GT200-MT-RS/2RS

Modbus / Modbus TCP Gateway

Introduction

Modbus Serial/TCP series gateway can achieve the interconnection between Ethernet (Modbus TCP protocol) devices and serial (Modbus RTU/ASCII) devices. The Modbus Serial/TCP series gateway supports dual Ethernet ports, built-in switch. The serial side supports single/dual. Each port supports both RS485 and RS232.

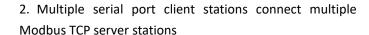## Features and Benefits

- Operating mode:

Modbus RTU/ASCII server mode: Modbus TCP clients communicate with Modbus RTU/ASCII servers through the gateway.

Modbus RTU/ASCII client mode: Modbus RTU/ASCII clients communicate with Modbus TCP servers through the gateway.

- Dual Ethernet interface: built-in switch, support cascade, can be used in a ring network, save field connection cables and switches.
- Ethernet 10/100M self-adaptive.
- Debugging function.
- Provide easy to use configuration software SST-MT-CFG.

Typical Use Case

1. Multiple Modbus TCP Client stations connect multiple serial server stations

2. Multiple serial port client stations connect multiple Modbus TCP server stations

3. The serial port server station connects the serial port server station through Ethernet

Technical Specifications

Modbus Features	
Operation Mode	Modbus RTU Master, Modbus RTU Server, Modbus ASCII Master, & Modbus ASCII Server
Serial Standard	ALL RS485 or RS232
Baudrate	1200 bps to 230.4 kbps
Server mode	Support 8/6 Modbus TCP client communication simultaneously
Client mode	Support visiting 4 different IPs or Modbus TCP servers of different ports
Maximum Number of Commands	Can support 32 command request simultaneously
Electrical / Environmental	
DC Input Voltage	24VDC (9~30VDC), 110mA (24VDC)
Operating Temperature	-40°F~185°F(-40°C~85°C). Humidity: 5% ~ 95% (non-condensing)
Physical	
Dimensions (W x H x D)	1.0in*4.0 in*3.6in 25 mm*100 mm*90 mm
Mounting	DIN Rail
Ethernet Port	(1) 10/100 Base-T, RJ45 Connector
Serial Port	(1) 3-Pin Terminal Block
Power Interface	(1) 3-Pin Terminal Block

Dimensions

Unit: mm (inch)