



GT200-MT-DN

Modbus TCP / DeviceNet Gateway

Introduction

GT200-MT-DN is a gateway which can provide a seamless information flow between Modbus TCP and DeviceNet network. It can connect multiple DeviceNet adapters or one DeviceNet scanner device to Modbus TCP network.

Features

High Real-Time Performance

The communication cycle time between the gateway's two protocols is 10ms, which can quickly enable data exchange and ensures real-time performance and high efficiency.



Strong EMI Resistance

Uses an isolated power supply to handle various complex industrial environments, improving resistance to electromagnetic interference to ensure reliability.



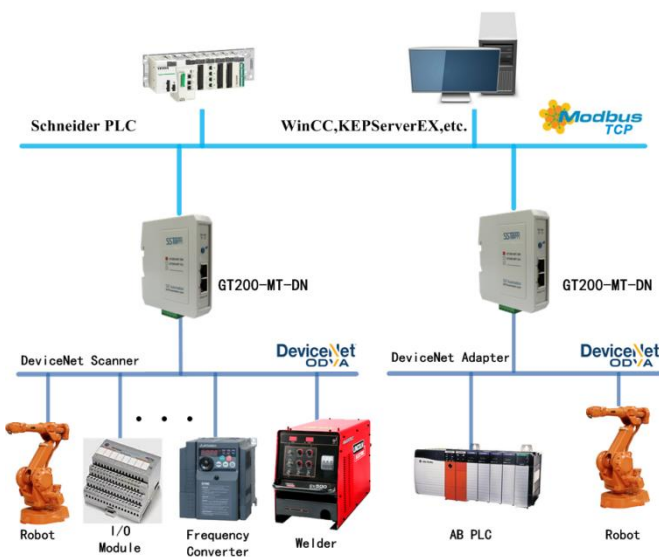
Ease of Use

The SST-DNET-COM software supports online scanning of DeviceNet adapters, quickly retrieving I/O parameters and configuring them, as well as supporting online debugging functionality.



Wide Range of Applications

The DeviceNet side supports both Scanner and Adapter modes. Supports DeviceNet devices such as Robot, Welder, AB PLC, etc. Up to 40 DeviceNet devices can be connected to Modbus TCP.



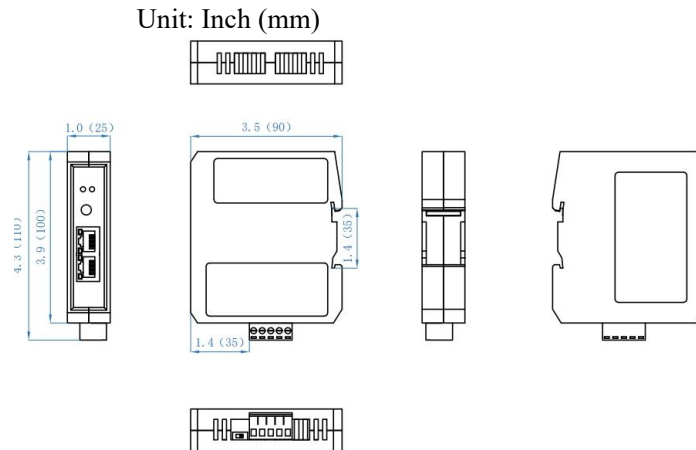
Typical Application

- GT200-MT-DN can provide a seamless information flow between Modbus TCP and DeviceNet network. It can connect multiple DeviceNet adapters or one DeviceNet scanner device to Modbus TCP network.
- Modbus TCP Clients Supported: Wincc, Schneider PLC, KEPServerEX, etc.
- DeviceNet Adapter Supported: Robot, Welder, I/O Module, Frequency Converter, etc.
- DeviceNet Scanner Supported: AB PLC, Robot, etc.

Technical Specifications

Modbus TCP Features	
Operation Mode	Modbus TCP Server
Supported Function Codes	03, 04, 06, 16
Maximum Input and Output Bytes	1428 in/out
Real-Time Capability	<10ms
DeviceNET Features	
Operation Mode	DeviceNet Scanner and Adapter
Maximum DeviceNet Devices(Scanner)	40
Supports I/O messaging	Poll and COS (Scanner) Poll(Adapter)
Maximum Input and Output Bytes(Adapter)	224 in/out
Configuration Method	Configuration Software SST-DNET-COM
Electrical / Environmental	
DC Input Voltage	24 VDC (9V-30V), 80mA (24VDC).
Operating Temperature	-40°F to 158°F (-40°C to 70°C); Humidity 5% to 95%, non-condensing
Certification	CE Compliant
Physical	
Dimensions (W x H x D)	1 in x 4 in x 3.5 in (25mm x 100mm x 90 mm)
Mounting	35mm (1.4in) DIN Rail
Power Interface	5-Pin Terminal Block

Dimensions



Product Recommendations

Model Name	Network Interface 1	Network Interface 2
GT100-PN-DM	PROFINET	DeviceNet
GT200-MT-RS485	Modbus	Modbus TCP