



GT200-DPM-EI

PROFIBUS DP to EtherNet/IP / Modbus TCP Gateway

Introduction

The GT200-DPM-EI connects multiple PROFIBUS DP devices to EtherNet/IP or Modbus TCP control systems. It serves as a PROFIBUS DP master and operates as an EtherNet/IP adapter or Modbus TCP server, enabling reliable communication with various industrial controllers.

Features

High Real-Time Performance

The communication cycle time between the gateway's two protocols is 10ms, which enables fast 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.



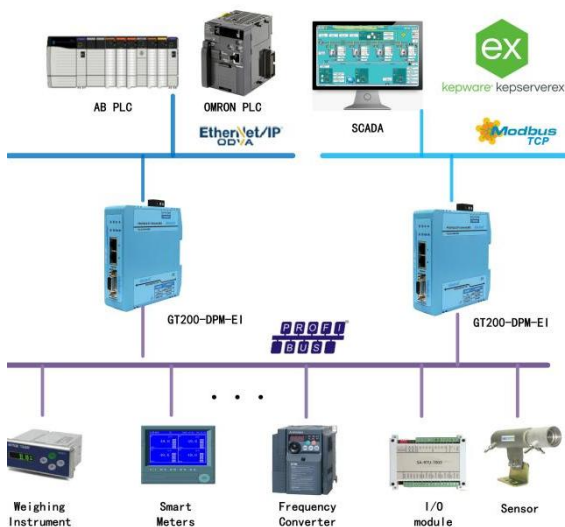
Ease of Use

The configuration software enables users to easily import PROFIBUS DP GSD files, select the device parameters to be read or written, and map them to the EtherNet/IP or Modbus TCP side.



Wide Range of Applications

Supports PROFIBUS DP devices such as sensors, frequency converter, I/O modules, weighing Instruments, etc. Up to 40 PROFIBUS DP devices can be connected to EtherNet/IP or Modbus TCP networks.



Typical Application

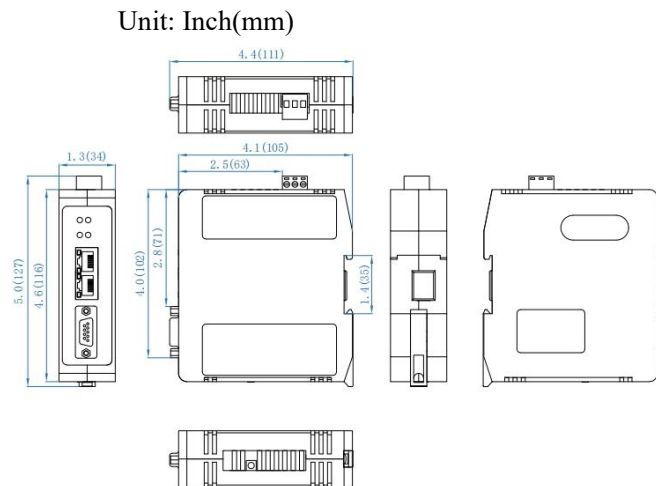
The GT200-DPM-EI gateway enables seamless communication between multiple PROFIBUS devices and control systems on EtherNet/IP or Modbus TCP networks.

- Supported EtherNet/IP Scanner: Allen-Bradley PLC, Omron NJ/NX Series PLC, etc.
- Supported Modbus TCP Clients: KEServerEX, SCADA systems, etc.
- Supported PROFIBUS DP Devices: sensor, I/O modules, frequency converter, weighing instruments, etc.

Technical Specifications

EtherNet/IP Features	
Operation Mode	EtherNet/IP Adapter
Maximum Input and Output Bytes	492 in/out
Supported Functionality	I/O(Class 1) and MSG(Class 3)
Modbus TCP Features	
Operation Mode	Modbus TCP Server
Maximum Input and Output Bytes	1800 in/out
Function Codes	03,04,06,16
PROFIBUS DP Features	
Operation Mode	PROFIBUS DP/V0
Maximum PROFIBUS DP Devices	40
Baud rate support	9600bit/s~12Mbit/s
Status word	Support,Monitor the status of slave connections
Electrical / Environmental	
DC Input Voltage	24 VDC (9V-30V), 90mA (24VDC)
Operating Temperature	-4°F to 140°F (-20°C to 60°C) Humidity 5% to 95%, non-condensing
Physical	
Dimensions (W x H x D)	1.3 in x 4.6 in x 4.1 in (34mm x 116mm x 105mm)
Mounting	35mm (1.4in) DIN Rail

Dimensions



Product Recommendations

Model Name	Network Interface 1	Network Interface 2
GT200-PN-MT	PROFINET	Modbus TCP / EtherNet/IP
GT200-DP-RS	PROFIBUS	Modbus