The GW-7473 (Modbus TCP/RTU Slave to EtherNet/IP Scanner Gateway) is helpful for data-exchanging between Modbus Master and EtherNet/IP adapter. It reads the register data from the EtherNet/IP adapter and publishes these data to the input register data of the Modbus TCP client as well as Modbus RTU Master. The output data transmitted by the Modbus TCP/RTU Master are updated to the register data of EtherNet/IP adapter. In order to save the installation space, the GW-7473 is also offered in an amazing tiny form-factor that makes it easy to install in anywhere.

### Features
- 10/100 Base-TX Ethernet, RJ-45 x1
- Redundant power inputs: PoE (IEEE 802.3af, Class 1) and DC jack
- Automatically RS-485 direction control
- Tiny form-factor and low power consumption

### EtherNet/IP Features
- Supported Objects according to CIP Standard
  - Assembly Object
  - Connection Manager Object
  - Ethernet Link Object
  - Message Router Object
  - TCP/IP Interface Object
- Ethernet Protocol: EtherNet/IP Scanner
  - Class 1 (connected) I/O Server and Client
  - Maximum support 5 EtherNet/IP adapter connections
  - EtherNet/IP I/O command data size: 200 bytes

### Modbus Features
- Modbus Protocol: Modbus TCP Server/RTU Slave protocols
- Supported Modbus Function Code 01, 02, 03, 04, 15, and 16
- Maximum support 5 Modbus TCP clients

### Wire Connection
- 4-Wire RS-422 Wiring
- 2-Wire RS-485 Wiring
- 2-Wire Only Device Twisted Pair Wiring plus Ground

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### Hardware Specifications

#### Hardware
- **CPU**: 32-bit MCU

#### UART Interface
- **COM 1**: 2-wire RS-485, 4-wire RS-422
- **COM 1 Connector**: 10-Pin Removable Terminal Block x 1
- **Protocol**: Modbus RTU Slave

#### Ethernet Interface
- **Ethernet**: 10/100 Base-TX, 8-pin RJ-45 x 1, (Auto-negotiating, Auto-MDI/MDIX, LED indicator), PoE (IEEE 802.3af, Class 1)
- **Protocol**: EtherNet/IP Scanner and Modbus TCP Server

#### Power
- **Power supply**: PoE: IEEE 802.3af, Class 1, DC jack: +12 ~ 48 V<sub>DC</sub>
- **Power Consumption**: 0.05 A @ 24 V<sub>DC</sub>

#### Mechanism
- **Dimensions**: 52mm x 95mm x 27mm (W x L x H)
- **Mounting**: DIN-Rail

#### Environment
- **Operating Temperature**: -25 ~ 75 °C
- **Storage Temperature**: -30 ~ 80 °C
- **Humidity**: 10 ~ 90% RH, non-condensing

#### Application

#### Ordering Information
- **GW-7473 CR**: Modbus Slave to EtherNet/IP Scanner gateway with PoE and 1 RS-422/485 (RoHS)