M200S-C-W-N

Wireless Remote IO Module with ModbusTCP-IP slave for Wifi network

WiFi

Modbus TCP

Modbus RTU

- Features

- High Performance Cortex M3 32-bit ARM
- Protocols: Modbus RTU & Modbus TCP slave
- 6 Analog inputs: 4-20 mA, 0-10 V
- 4 Digital inputs
- 4 Digital outputs
- Send data for Wifi network
- IP67
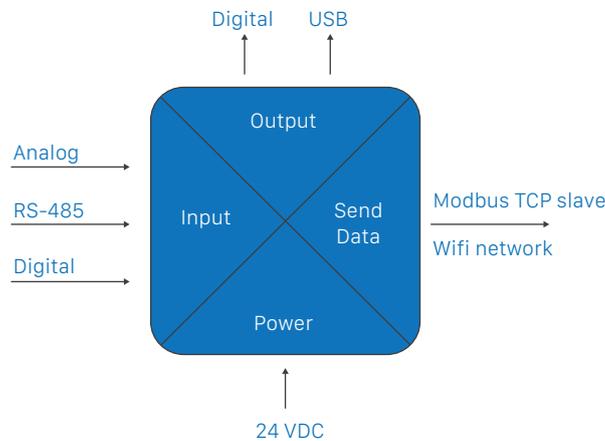- Mounting: Wall-mounted

ISO 9001:2015
GUARANTEE
CERTIFIED

- Introduction

M200S-C-W-N is a ModbusTCP slave standard remote wireless IO module that easily connects to peripheral devices such as IoT Gateway, Data Logger...
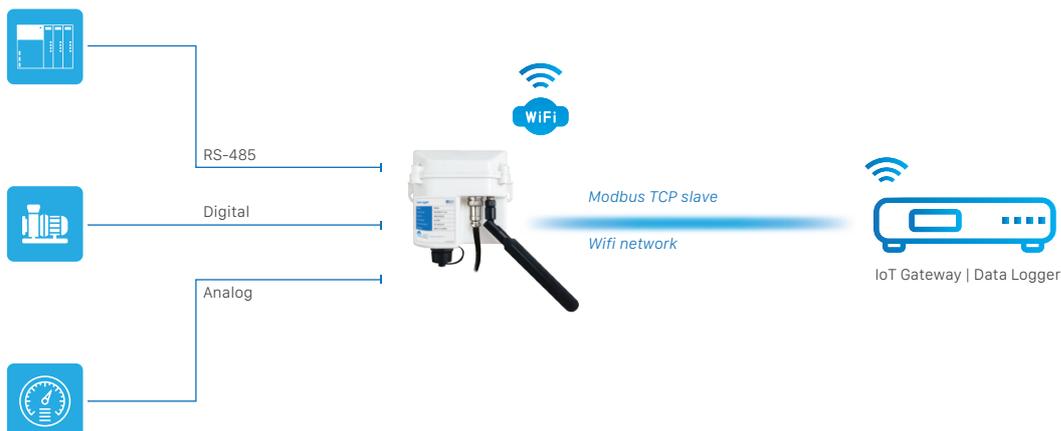
The modules have a simple yet powerful design with many built-in inputs/outputs allowing them to connect directly to more devices such as sensors, meters easily.

With IP67 industrial design for deployment in a wide range of wireless or outdoor applications.

The M200S-C-W-N Wireless IO Module collects data from 4-20mA, RS-485, Digital signals and sends the data out by wifi according to Modbus TCP protocol for easy application deployment.
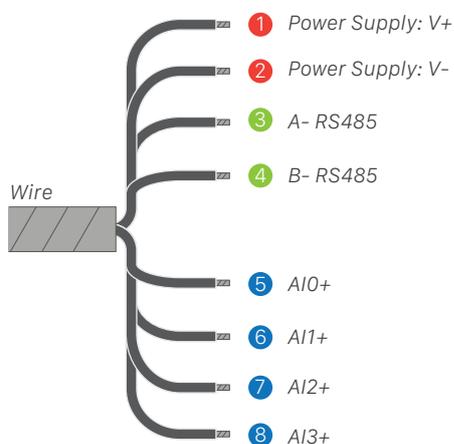

Block diagram: Digital, USB (Output); Analog, RS-485, Digital (Input); Send Data → Modbus TCP slave, Wifi network; Power ← 24 VDC

- Application Example

RS-485 / Digital / Analog → Module → WiFi → Modbus TCP slave / Wifi network → IoT Gateway | Data Logger

- Specifications

Control system	
MCU	Cortex M3 32-bit ARM
Power Supply	12...24 VDC
Protection Degree	IP67
USB port	Support 1 x USB type-A 2.0
Communication	
Protocols	Modbus RTU & Modbus TCP slave
Interfaces	• Support 1 x RS-485 master: connect with max. 3 slave • Send data by Wifi network
Analog input	
Channels	6
Type	Voltage: 0...10 V Current: 0...20 mA, 4...20 mA
Resolution	24-bit
Digital/ Pulse input	
Channels	4
Digital output	
Channels	4
General	
Dimensions (LxWxH)	120mm x 120mm x 65mm
Operating Temp.	-5...55°C
Mounting	Wall-mounted

- Wiring

• M200S-C-W-N with simplified wiring diagram. Users can conveniently choose from 12VDC to 24VDC power supply. Follow the diagram below for wiring.

- Dimensions

• Drawings and dimensions (all dimensions in milimeters)