

M500S-R-R-N

Module Remote I/O with Modbus RTU slave

- Features

- High Performance Cortex M3 32-bit ARM
- Protocols: Modbus RTU slave
- 1 x RS-485
- 6 Analog inputs: 4-20 mA, 0-10 V
- 4 Digital inputs
- 2 Digital outputs
- Mounting: Din-rail



Modbus
RTU



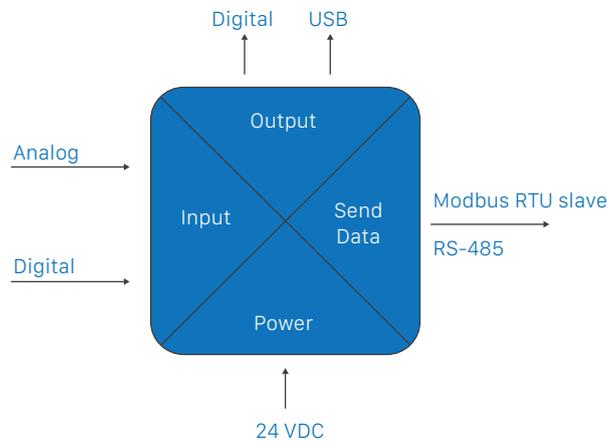
- Introduction

M500S-R-R-N is a Modbus RTU slave standard remote I/O module that easily connects to peripheral devices such as IoT Gateway, PLC, Data Logger...

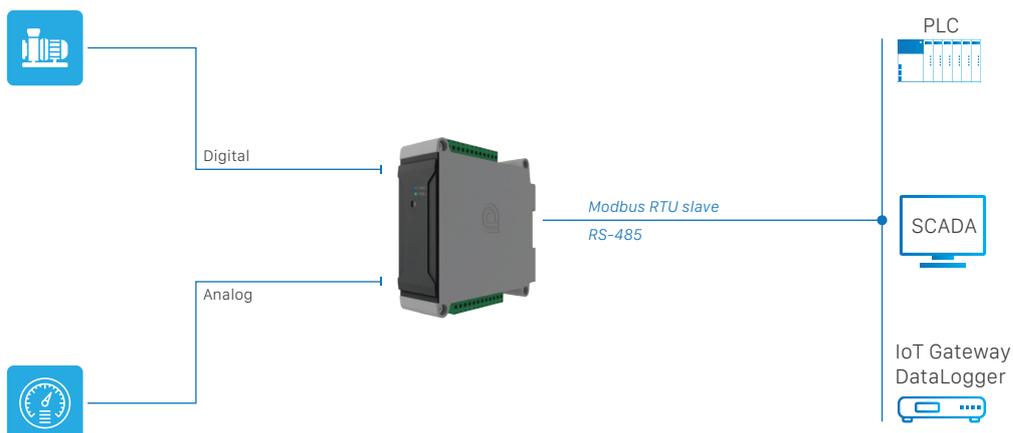
The modules have a simple yet powerful design with many built-in inputs/outputs allowing them to connect directly to more devices such as sensors, meters easily.

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

The M500S-R-R-N collects data from 4-20mA, RS-485, Digital signals and sends the data out by RS-485 Modbus RTU protocol for easy application deployment.



- Application Example

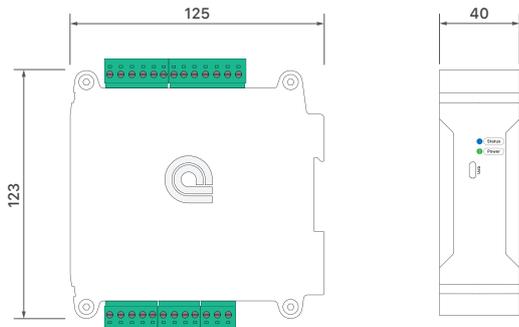


- Specifications

Control system	
MCU	Cortex M3 32-bit ARM
Power Supply	12...24 VDC
Protection Degree	IP20
USB port	Support 1 x Micro B
Communication	
Protocols	Modbus RTU slave
Interfaces	Support 1 x RS-485
Analog input	
Channels	6 (option 8-CH)
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)	125mm x 40mm x 123mm
Operating Temp.	-5...45°C
Mounting	Din-rail

- Dimensions

- Drawings and dimensions (all dimensions in millimeters)



- System LED

LED	Color	Function Description
Power	Green	Light on: have power supply
Status	Blue	Blink: Data transmission

- Wiring

- M500S-R-R-N with simplified wiring diagram, Users can conveniently choose from 12VDC to 24VDC power supply. Follow the diagram below for wiring.

