

Modbus RTU(Offset)

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Supported Series

Modbus RTU (Offset)


Website: <http://www.modbus.org/>

PLC Connection Settings

Parameters	Recommended	Options
PLC Type	Modbus RTU (Offset)	
PLC Interface	RS485	RS232/RS485
Baud Rate	9600	9600 ~ 115200
Data Bits	8	7, 8
Parity	Even	Even, Odd, None
Stop Bits	1	1, 2
PLC Station #	1	0 ~ 255

PLC Configuration

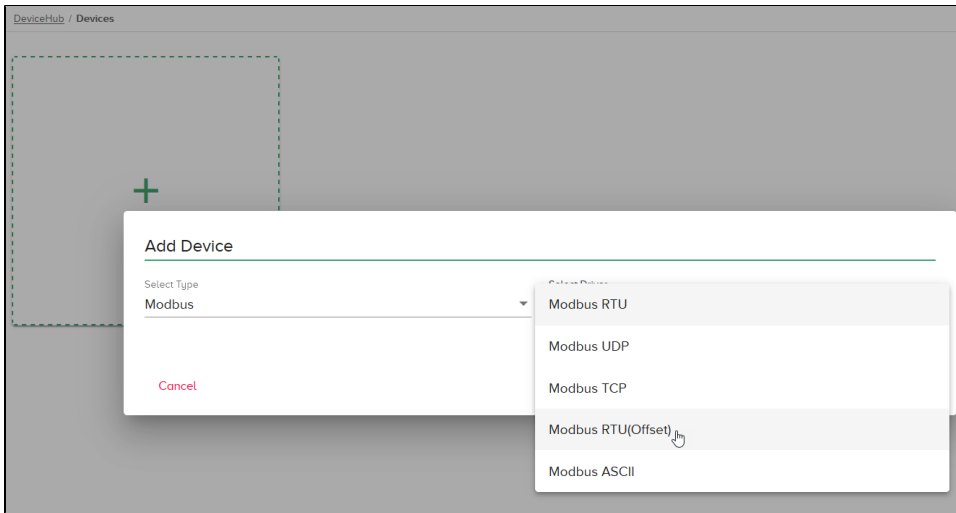
The steps shown here are for the Modbus RTU(Offset) PLC.

-  **Online Simulator:** Yes
- Broadcast Command:** Yes
- Extend Address Mode:** Yes
- Communication Mode:** Modbus RTU protocol

LoopEdge DeviceHub Configuration

To configure DeviceHub for this Modbus RTU (Offset) PLC:

1. **DeviceHub > Add Device**
Type: Modbus
Driver: Modbus RTU(Offset)



2. Enter details specific to your environment and click **Add Device**.

Add Device

Select Type
Modbus

Select Driver
Modbus RTU(Offset)

Name
This is a Device Name.

Description
modbus device
This is a description of device.

Data Bits
8
This is a serial communication databits parameter.

Communication Port
/dev/ttyS0
This is a system device file path of device.

Baud Rate
9600
This is a serial communication baudrate parameter.

Parity
None
This is a serial communication parity parameter.

Station Id
1

Stop Bits
1
This is a serial communication stopbits parameter.

Add Device
Cancel

Device Addresses

Data Type	Device Type	Format	Range	Description
Bit	D	DDDD	1 ~ 9999	Discrete Input Contacts
Bit	C	DDDD	1 ~ 9999	Discrete Output Coils
Bit	H_Bit	DDDDdd	1 ~ 999915	Analog Output Holding Registers
Bit	I_Bit	DDDDdd	1 ~ 999915	Analog Input Holding Registers
Int	H	DDDD	1 ~ 9999	Analog Output Holding Registers
Int	I	DDDD	1 ~ 9999	Analog Input Registers
Float	H_Float	DDDD	1 ~ 9998	Analog Output Holding Registers
Float	I_Float	DDDD	1 ~ 9998	Analog Input Registers