

1. Configure Device


1.1 Add Serial

| General Information | | | |
|--|-------------------------------|-----------------------|------|
| <input checked="" type="checkbox"/> Enable | | | |
| Type: | Serial (Built-in) | Scan Time(ms): | 1000 |
| Description: | Uart 1 support RS485 or RS232 | Time Out(ms): | 3000 |
| | | Retry Count: | 3 |
| | | Auto Recover Time(s): | 10 |

| Serial Port Setting | | | |
|---------------------|------|---------|-------|
| Port: | COM1 | Parity: | None |
| Baud Rate: | 9600 | RTS: | False |
| Data Bit: | 8 | DTR: | False |
| Stop Bit: | 1 | | |

Enable the COM and follow the device to configure it.

1.2 Add Device

 **General Information**

☒ Enable

Name:

Device Type:

☐ Device Model

Unit Number:

Tag Write Type:

Description:

☒ Add device name as prefix to IO tags

Extention Properties

Use Link Confirm:

Link Address:

Destination Common Address:

Interrogation Interval(m):

Time Sync Interval(m):

Device Type: IEC103

Use Link Confirm: 0 means Disable, 1 means Enable

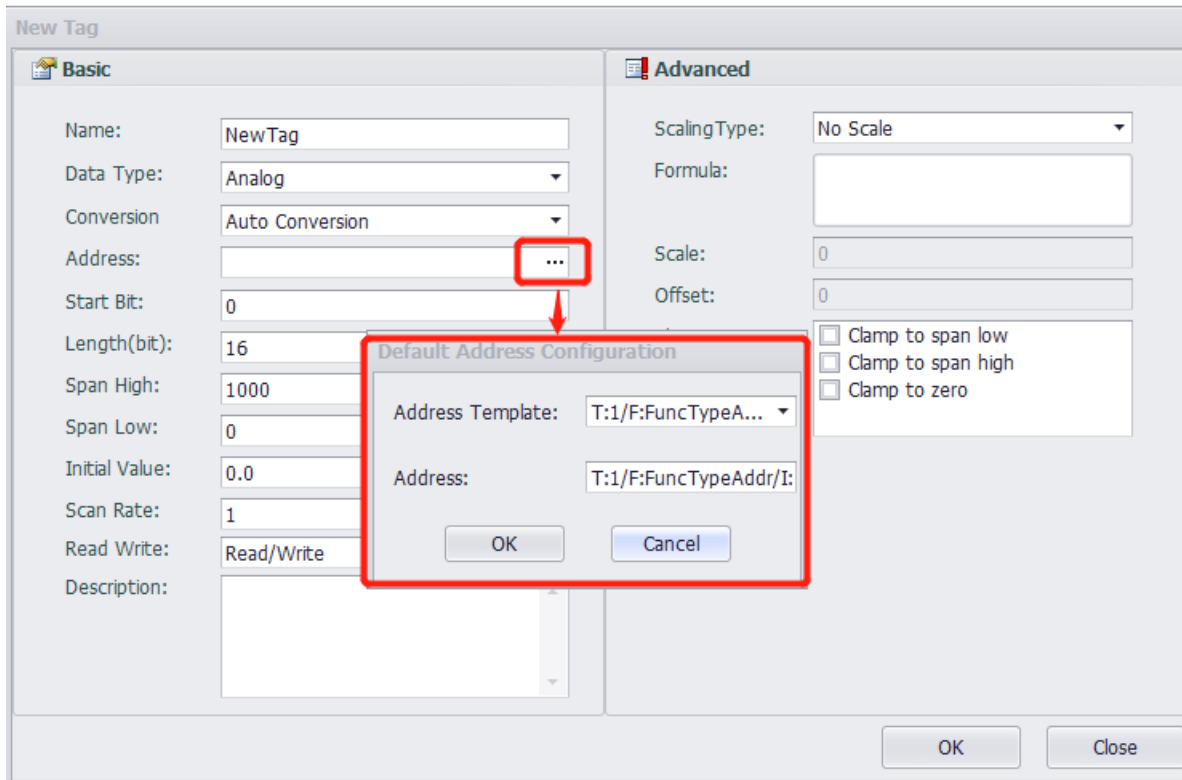
Destination Common Address: IEC 103 Slave Common Address

Link Address: ASDU Address

Interrogation Interval(m): The time interval (minute) for sending the Interrogation, 0 means Disable

Time Sync Interval(m): The time interval (minute) for sending the Time Sync, 0 means Disable

2. Configure Tag



You can refer to the Address Template to write the address.

2.1 Types of Tag

There are 5 types of Tag.

Note: Edgelink hasn't supported string tag. So the value time can't be collected so far. String is planned to support in the Edgelink version V3.0.

Time-tagged message

Time-tagged message with relative time

Measurands I

Time-tagged measurands with relative time

Measurands II

1. Time-tagged message

1) To get tag value

Data Type: Discrete

Address Format: T:1/F:FuncTypeAddr/I:InformationNumber

Read/Write: Read and Write

2) To get tag value time

Data Type: String

Address Format: T:1/F:FuncTypeAddr/I:InformationNumber.ValueTime

String format: 161635461 means 16:16:35:461

Read/Write: Read only

2. Time-tagged message with relative time

1) To get tag value

Data Type: Discrete

Address Format: T:2/F:FuncTypeAddr/I:InformationNumber

Read/Write: Read and Write

2) To get value time

Data Type: String

Address Format: T:2/F:FuncTypeAddr/I:InformationNumber.ValueTime

String format: 161635461 means 16:16:35:461

Read/Write: Read only

3) To get relative time

Data Type: Analog

Address Format: T:2/F:FuncTypeAddr/I:InformationNumber.RET

Value Range: 0~65535

Read/Write: Read only

4) To get fault number

Data Type: Analog

Address Format: T:2/F:FuncTypeAddr/I:InformationNumber.FAN

Value Range: 0~65535

Read/Write: Read only

3. Measurands I

1) To get tag value

Data Type: Analog

Address Format: T:3/F:FuncTypeAddr/I:InformationNumber/E:ElementIndex

Value Range: 1 ~ -1

Read/Write: Read only

4. Time-tagged message with relative time

1) To get tag value

Data Type: Analog

Address Format: T:4/F:FuncTypeAddr/I:InformationNumber

Value Range: IEEE single precision range (3.40282×10^{38} ~ -3.40282×10^{38})

Read/Write: Read only

2) To get value time

Data Type: String

Address Format: T:4/F:FuncTypeAddr/I:InformationNumber.ValueTime

String format: 161635461 means 16:16:35:461

Read/Write: Read only

3) To get relative time

Data Type: Analog

Address Format: T:4/F:FuncTypeAddr/I:InformationNumber.RET

Value Range: 0~65535

Read/Write: Read only

4) To get fault number

Data Type: Analog

Address Format: T:4/F:FuncTypeAddr/I:InformationNumber.FAN

Value Range: 0~65535

Read/Write: Read only

5. Measurands II

1) To get tag value

Data Type: Analog

Address Format: T:9/F:FuncTypeAddr/I:InformationNumber/E:ElementIndex

Value Range: 1 ~ -1

Read/Write: Read only