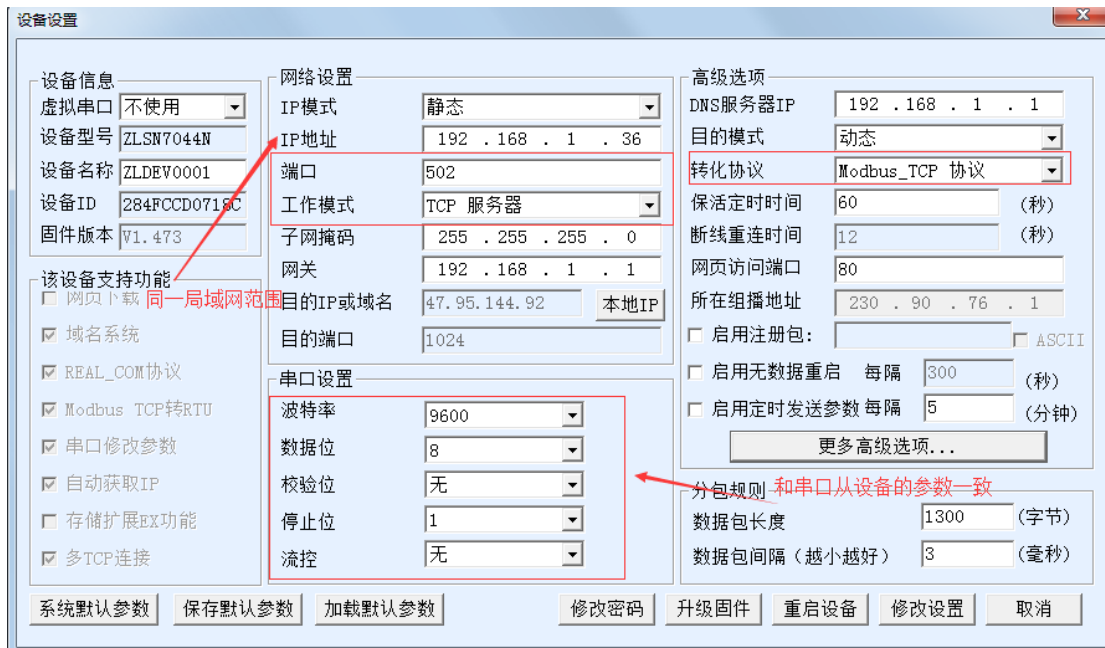


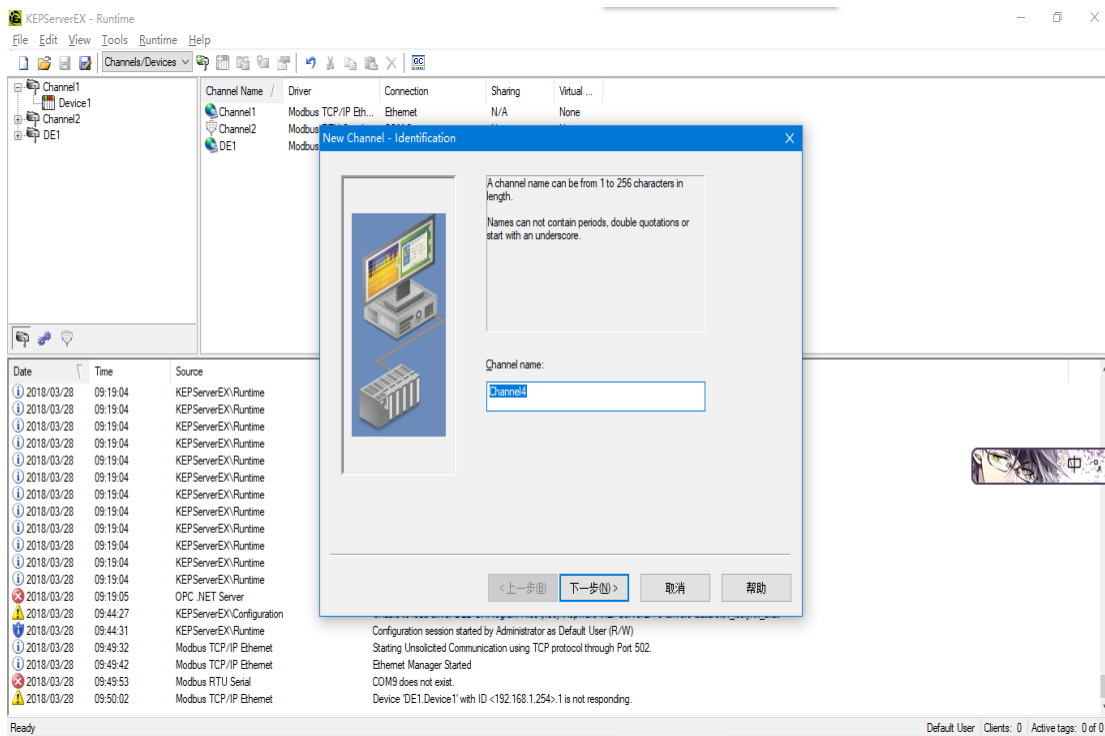
# Kepserver (opc)与卓岚 modbus 网关的案例

## 一 配置我们设备的参数

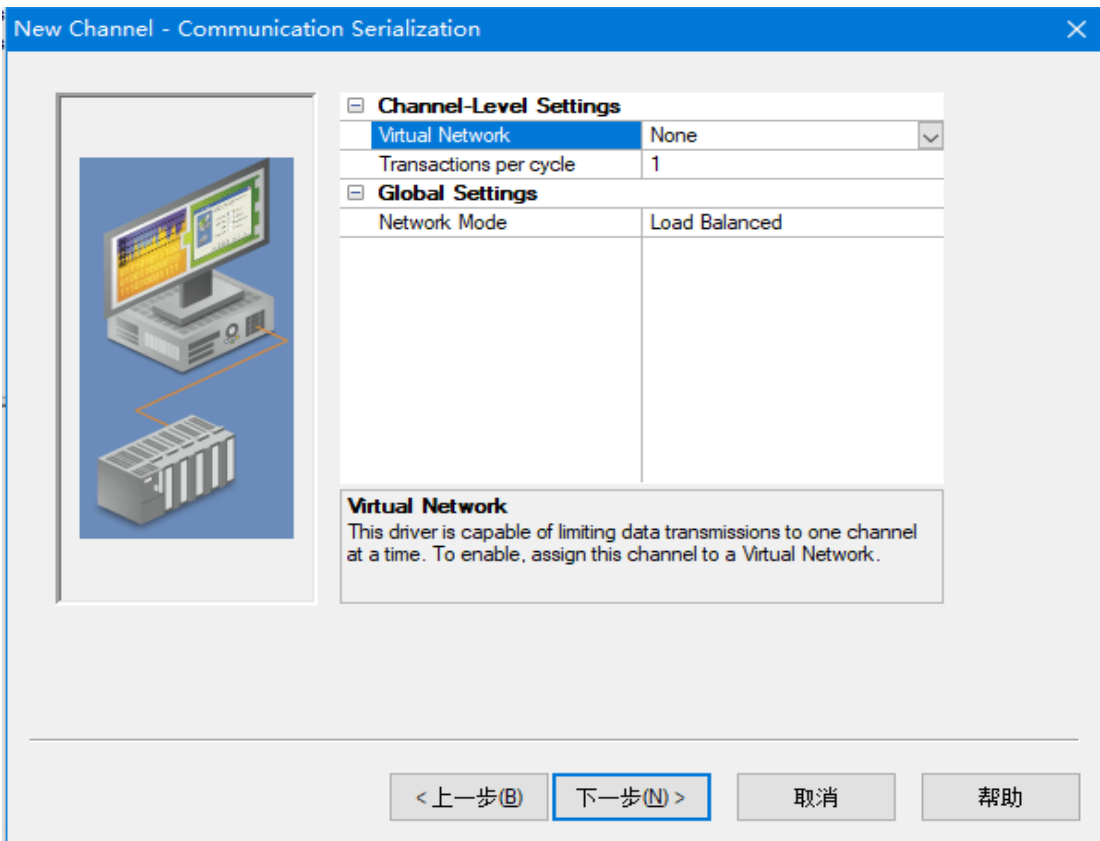
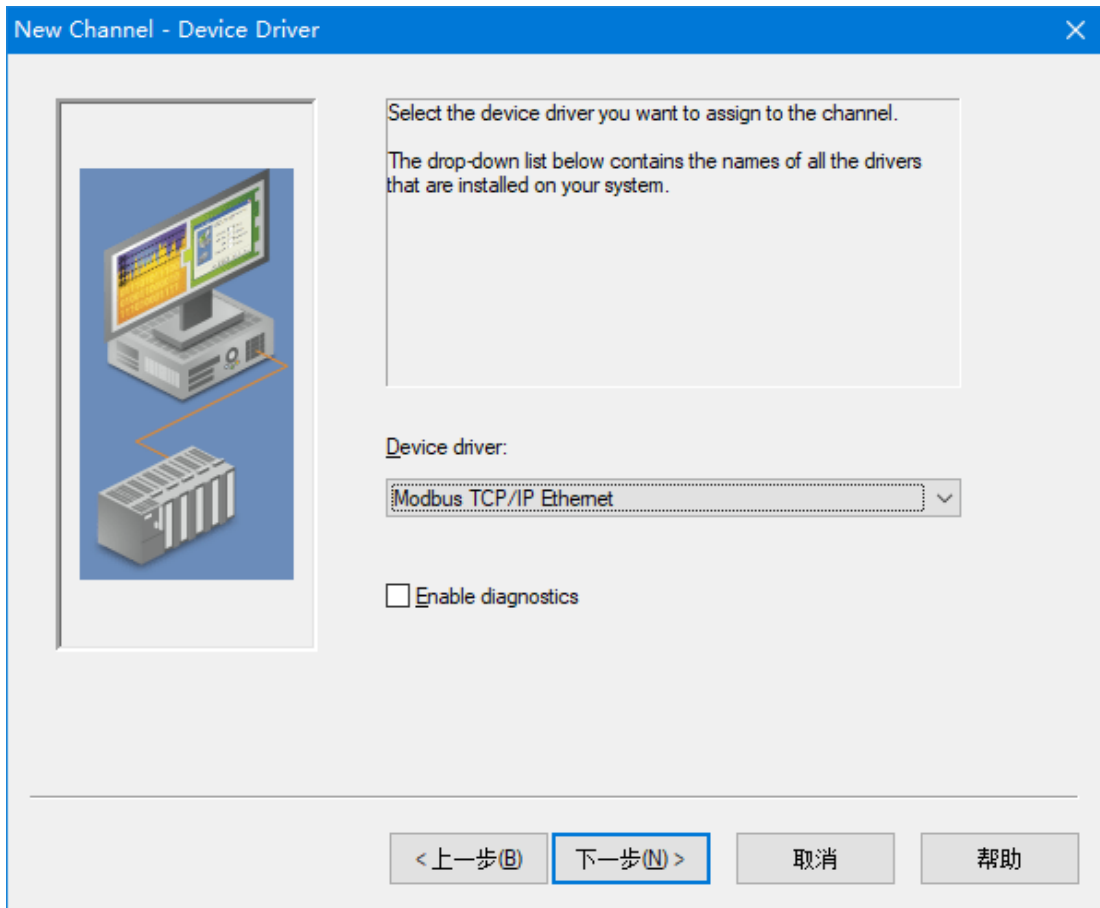


## 二 Kepserver (opc) 上位机连接

### (1) 新建通道



### 选择通讯方式



选择网卡

New Channel - Network Interface



This channel is configured to communicate over a network. You can select the network adapter that the driver should use from the list below.

Select 'Default' if you want the operating system to choose the network adapter for you.

Network Adapter:

Realtek PCIe GBE ... [172.16.61.13] v

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New Channel - Write Optimizations



You can control how the server processes writes on this channel. Set the optimization method and write-to-read duty cycle below.

Note: Writing only the latest value can affect batch processing or the equivalent.

Optimization Method


- Write all values for all tags
- Write only latest value for non-boolean tags
- Write only latest value for all tags

Duty Cycle

Perform 10 writes for every 1 read

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New Channel - Non-Normalized Float Handling




Choose how this driver handles non-normalized floating point values.

Selecting 'Unmodified' handling delivers the non-normalized value, while 'Replaced with zero' changes non-normalized floating point values to zero.

Non-normalized values should be: Replaced with zero

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New Channel - Ethernet



Select whether all devices on this channel share a single socket (MBE to RTU Gateway) or if each device has 1 or more of their own sockets.

Select the Port and Protocol to use when acting as a slave device.

Socket Usage

Share a single socket across all devices on this channel

Use one or more sockets per device on this channel:

Max sockets per device: 1

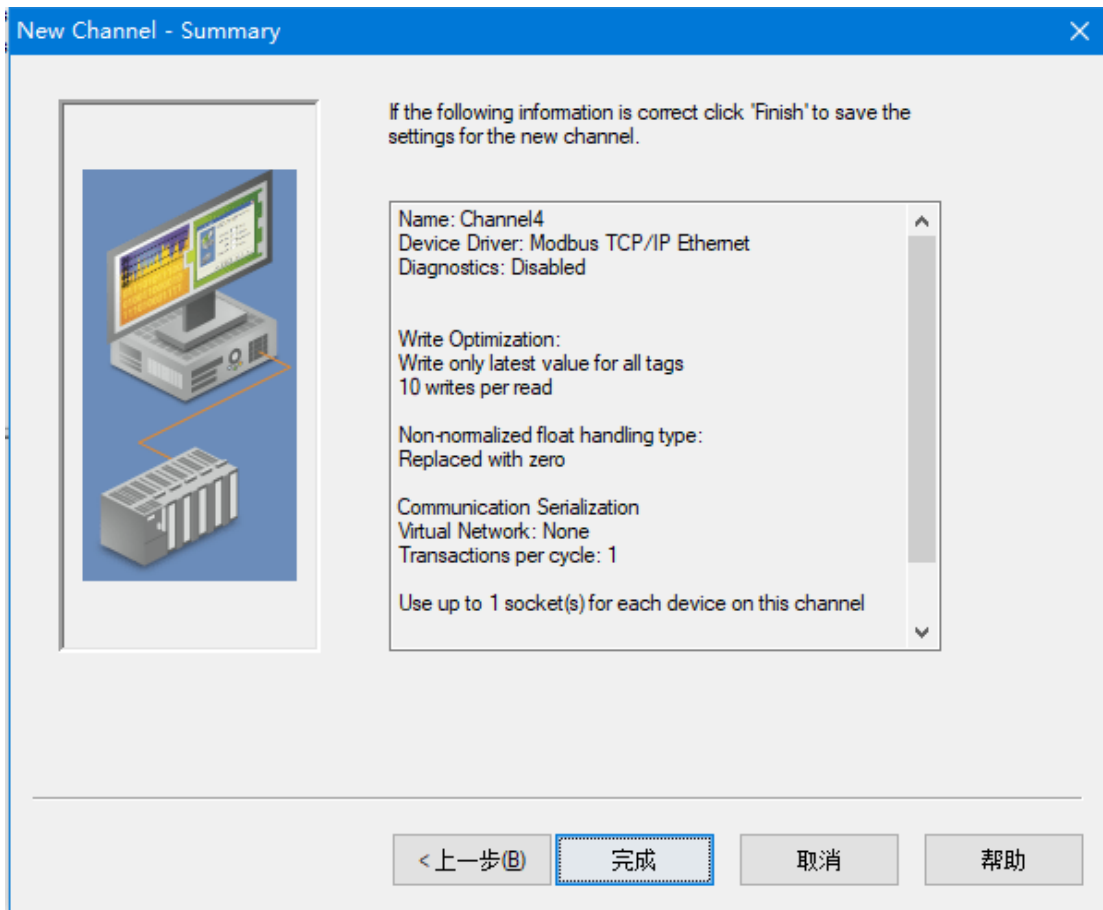
Unsolicited Settings

Port Number: 502   IP Protocol: TCP/IP

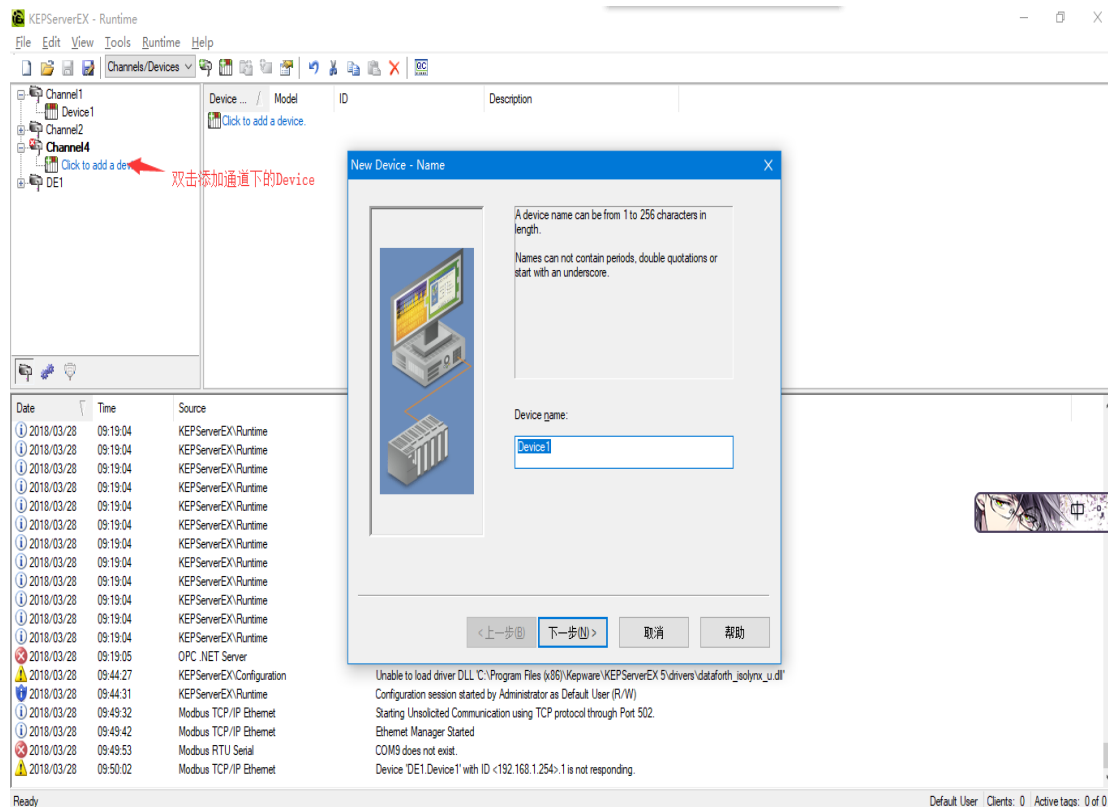
卓岚端口号

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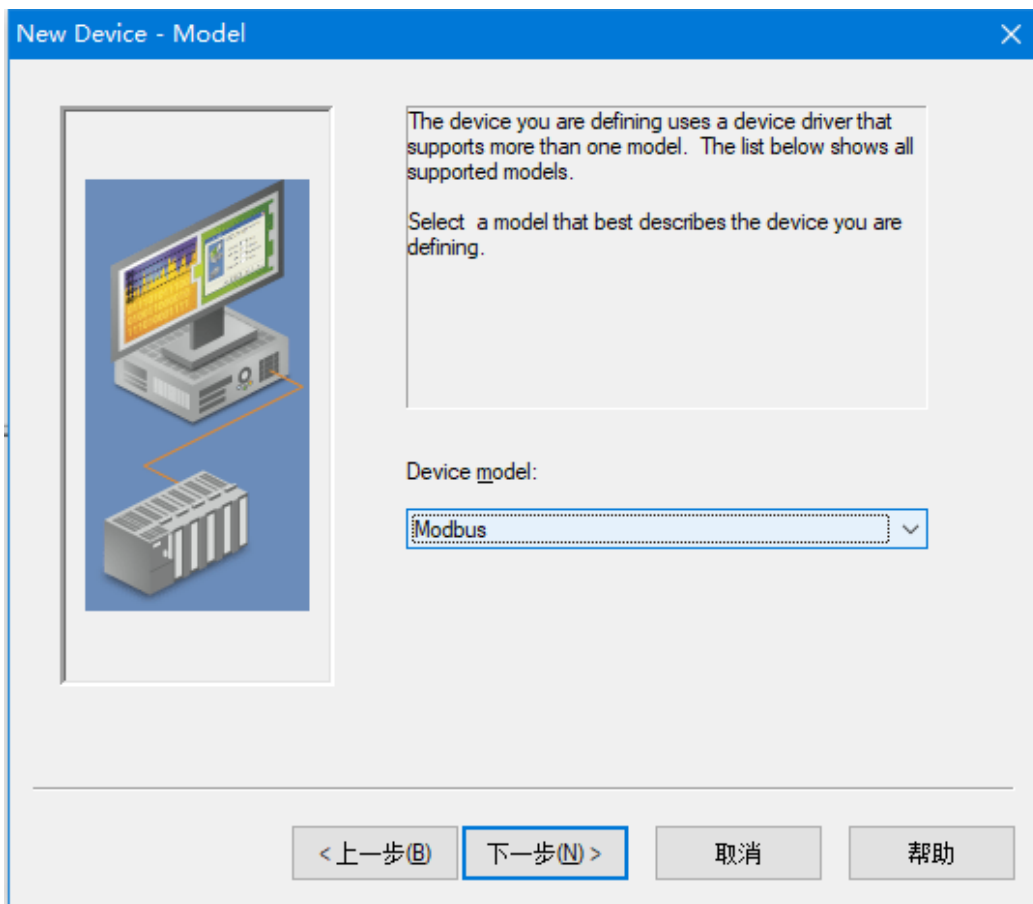
完成通道设置



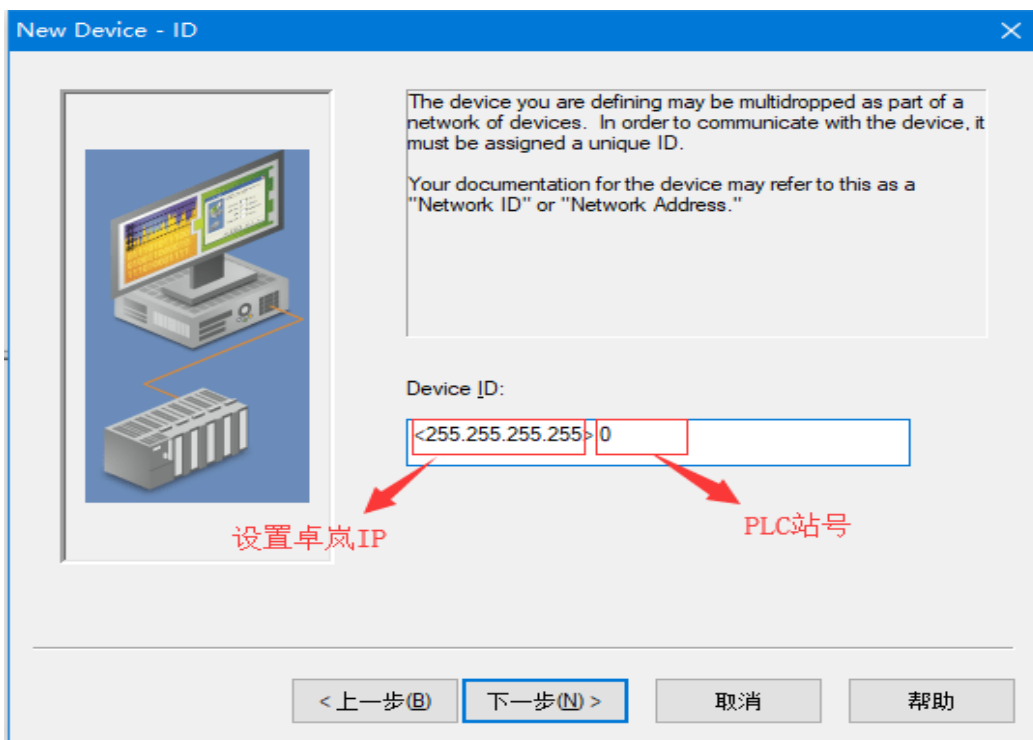
## (2) 通道里面添加设备




选择模式



设置 IP 设备站号填写 10 进制数值



New Device - Scan Mode



The device's initial update behavior may be adjusted to provide updates with cached data or device data.

The scan mode is used to override the interval that tags are automatically ready by the server.


Provide initial updates from cache

Scan Mode:

Respect client specified scan rate

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New Device - Timing



The device you are defining has communications timing parameters that you can configure.

Connect timeout: 3 seconds


Request timeout: 1000 milliseconds

Fail after: 3 successive timeouts

Inter-request delay: 0 milliseconds

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New Device - Auto-Demotion



You can demote a device for a specific period upon communications failures. During this time no read request (writes if applicable) will be sent to the device. Demoting a failed device will prevent stalling communications with other devices on the channel.

Enable auto device demotion on communication failures


Demote after: 3 successive failures

Demote for: 10000 milliseconds

Discard write requests during the demotion period

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New Device - Database Creation



The device you are defining has the ability to automatically generate a tag database.

Determine if the device should create a database on startup, what action should be performed on previously generated tags, group to add tags to, and allowing subgroups.

Startup: Do not generate on startup

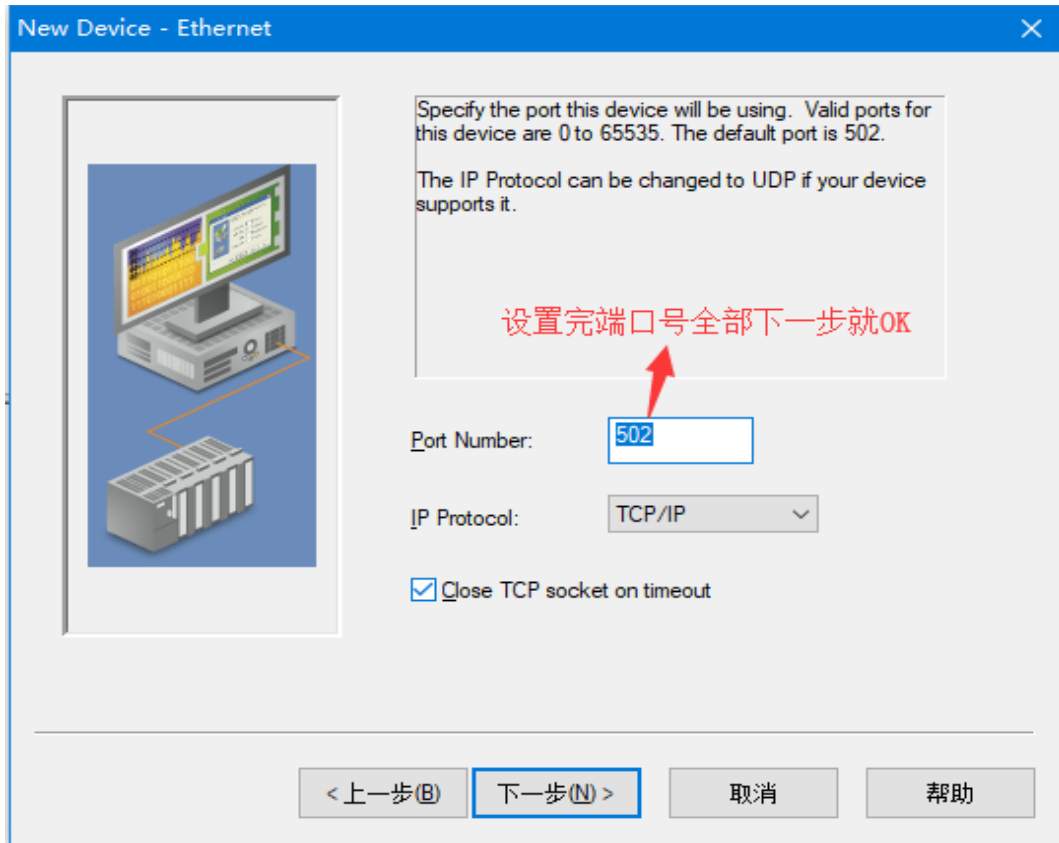
Action: Delete on create

Add to group:

Allow automatically generated subgroups

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### (3) 添加 TAG

