

EtherNet/IP Master Simulator

Manual

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Important User Information

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1. Intended use

The EtherNet/IP Master Simulator software is a simple, universal tool for data exchange with EtherNet/IP devices from virtually any manufacturer.

The software features the following functions:

- Exchanging of process data with EtherNet/IP devices via CP or CIP Safety⁽¹⁾
- Reading out device-specific attributes (manufacturer, serial number, IP address)
- Reading out the internal configuration file (**.eds**)
- Changing the device name and IP address
- Uses all interfaces and IP addresses of the PC system

The main function of the program is the manual testing of EtherNet/IP devices to check whether it will correctly respond to inputs from a later controller.

To this end process data connections to devices can be opened and bits set individually.

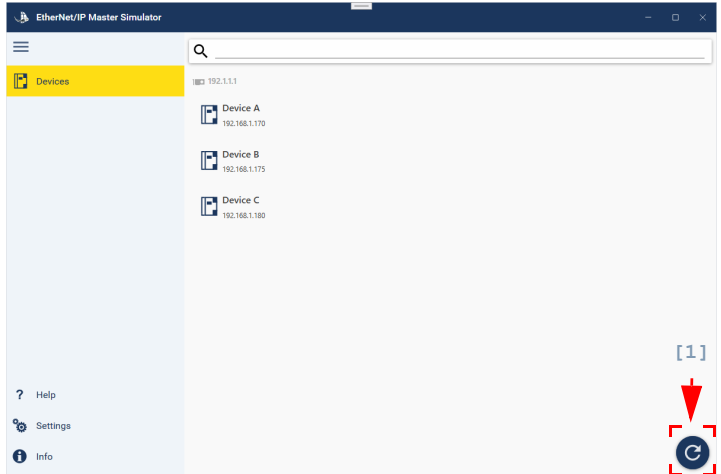
If a device is incorrectly configured, the tool allows you to rename devices and change the IP address.

(1) only in the Plus version

2. Sequence

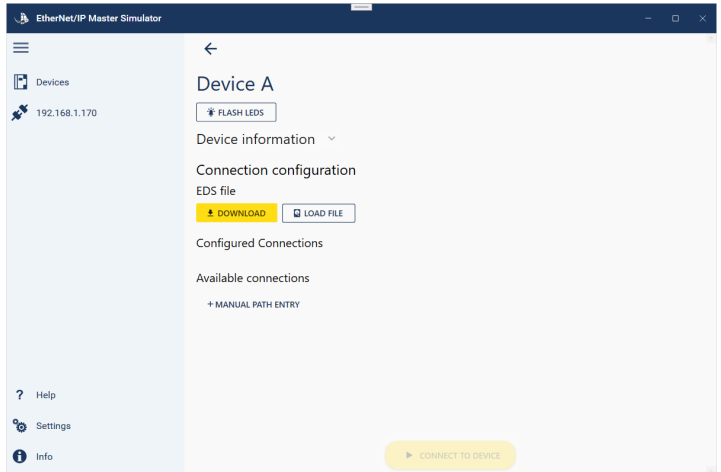
1. From the main window select a device found by the program.

If you only connected the target device after starting the program, please repeat the search by clicking on the [1] button a lower right.

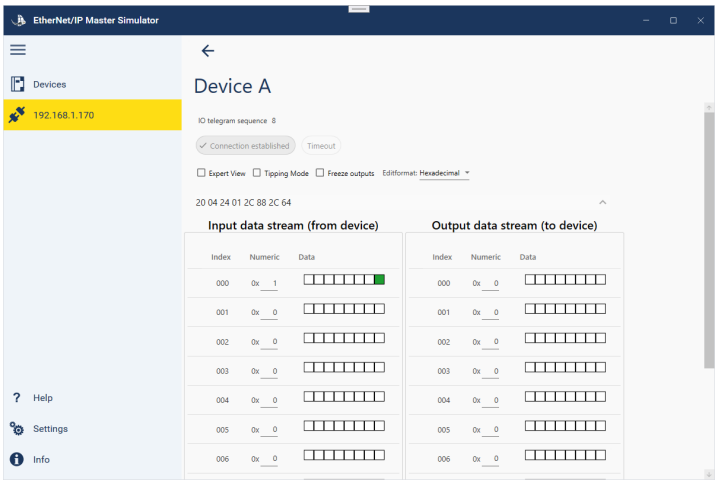


2. Select the associated configuration file from your hard drive.

Alternatively you can also download the device-internal configuration file.



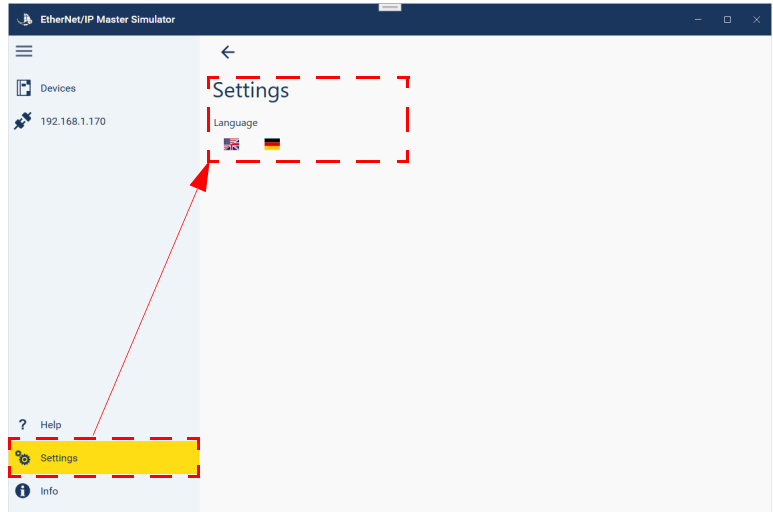
3.
- Now select a connection from the list.
- If the desired configuration is not contained in the configuration file, insert a connection manually.*
4.
- Click on <Connect to device> to open the selected process data connections.
- ⇒
- Now you can manipulate the output data sent to the device bit-by-bit and see how the input data respond to your entries.



3. Additional functions

The following additional functions are available to the user:

- **Language:** The program language is changed in <Settings>.



- **License information:** Displays the version and license information using the <Info> button.

