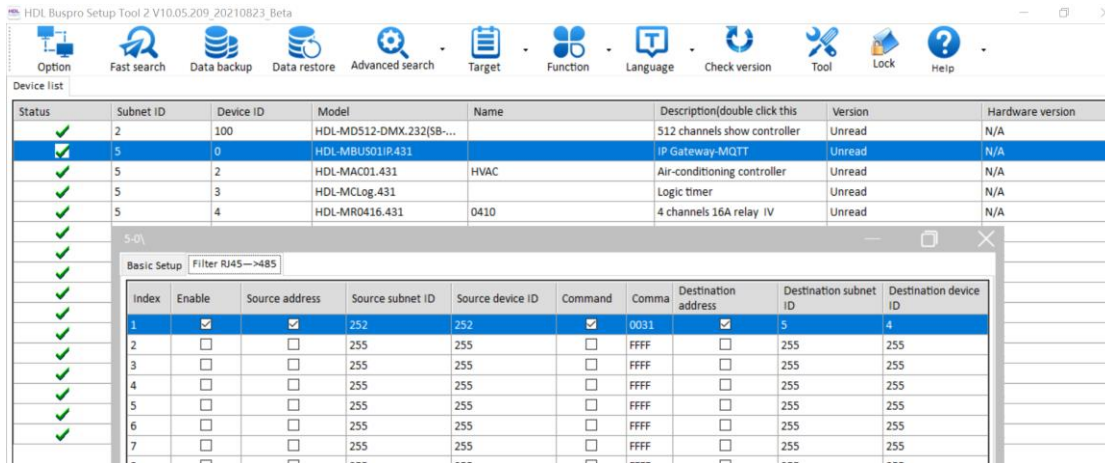


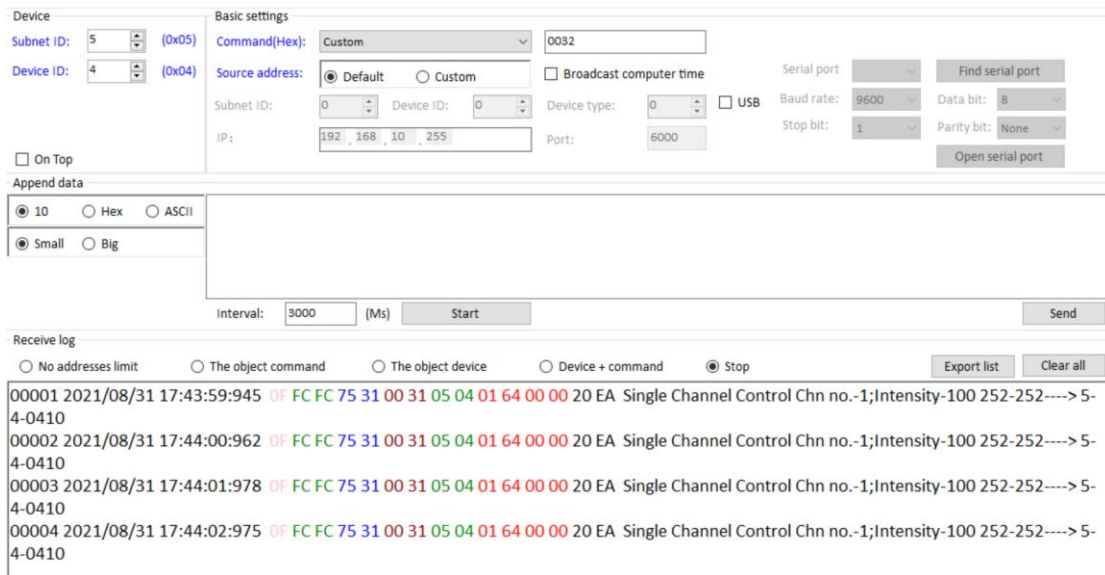
Filtering function in MBUS01IP.431

This filter is mainly used to filter the specified opcode and prevent other devices on the network from controlling the devices under the current gateway.



Source subnet ID and device ID is the device on the network. Destination subnet ID and device ID is the device under the IP gateway. In above picture, 252-252 is HDL ON. 5-4 is relay module. 0031 is the operation code of turning on/off the light.

When you turn on/off the light from HDL ON, if HDLON can't receive the response from relay module, it will re send 3 times.



As you can see the relay cannot be controlled. When you disable the filter, the relay can be controlled again.

5-0\

Basic Setup Filter RJ45-->485

Index	Enable	Source address	Source subnet ID	Source device ID	Command	Comma	Destination address	Destination subnet ID	Destination device ID
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	252	252	<input checked="" type="checkbox"/>	0031	<input checked="" type="checkbox"/>	5	4
2	<input type="checkbox"/>	<input type="checkbox"/>	255	255	<input type="checkbox"/>	FFFF	<input type="checkbox"/>	255	255
3	<input type="checkbox"/>	<input type="checkbox"/>	255	255	<input type="checkbox"/>	FFFF	<input type="checkbox"/>	255	255
4	<input type="checkbox"/>	<input type="checkbox"/>	255	255	<input type="checkbox"/>	FFFF	<input type="checkbox"/>	255	255

Device

Subnet ID: 5 (0x05) Device ID: 4 (0x04)

Basic settings

Command(Hex): Custom 0032

Source address: Default Custom Broadcast computer time

Subnet ID: 0 Device ID: 0 Device type: 0 USB

IP: 192, 168, 10, 255 Port: 6000

Serial port: [] Find serial port

Baud rate: 9600 Data bit: 8

Stop bit: 1 Parity bit: None

Open serial port

On Top

Append data

10 Hex ASCII

Small Big

Interval: 3000 (Ms) Start Send

Receive log

No addresses limit The object command The object device Device + command Stop

Export list Clear all

```

00001 2021/08/31 17:47:37:324 0F FC FC 75 31 00 31 05 04 01 64 00 00 20 EA Single Channel Control Chn no.-1;Intensity-100 252-252----> 5-4-0410
00002 2021/08/31 17:47:37:389 10 05 04 01 BC 00 32 FF FF 01 F8 64 04 01 EE 50 Response single channel control Chn no.-1;Intensity-100 5-4-HDL-MR0416.431-0410
00003 2021/08/31 17:47:37:714 0F FC FC 75 31 00 31 05 04 01 00 00 00 67 41 Single Channel Control Chn no.-1;Intensity-0 252-252----> 5-4-0410
00004 2021/08/31 17:47:37:758 10 05 04 01 BC 00 32 FF FF 01 F8 00 04 00 B9 DA Response single channel control Chn no.-1;Intensity-0 5-4-HDL-MR0416.431-0410

```