E104-BT12 Tool Tutorial



Chengdu Ebyte Electronic Technology Co.,Ltd.

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Note:

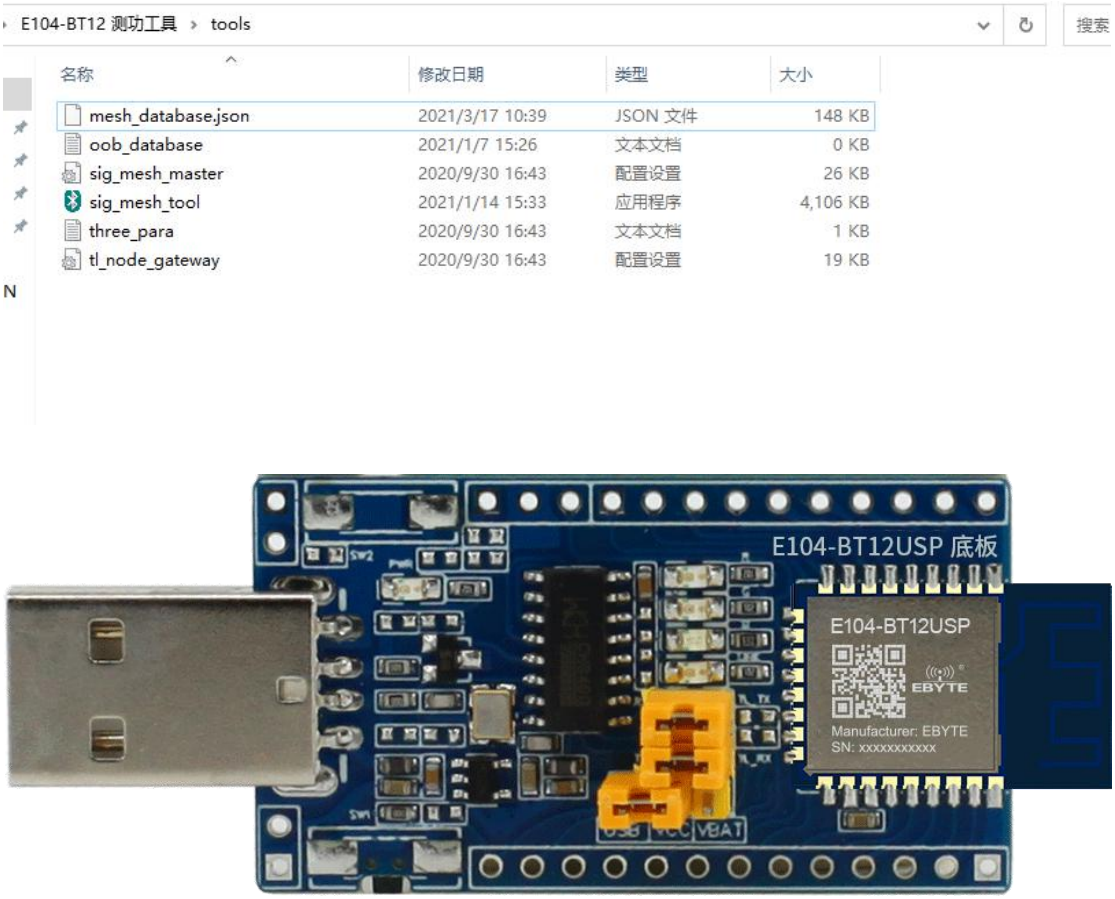
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1. Preparation

Prepare the host computer and the module we provide as follows

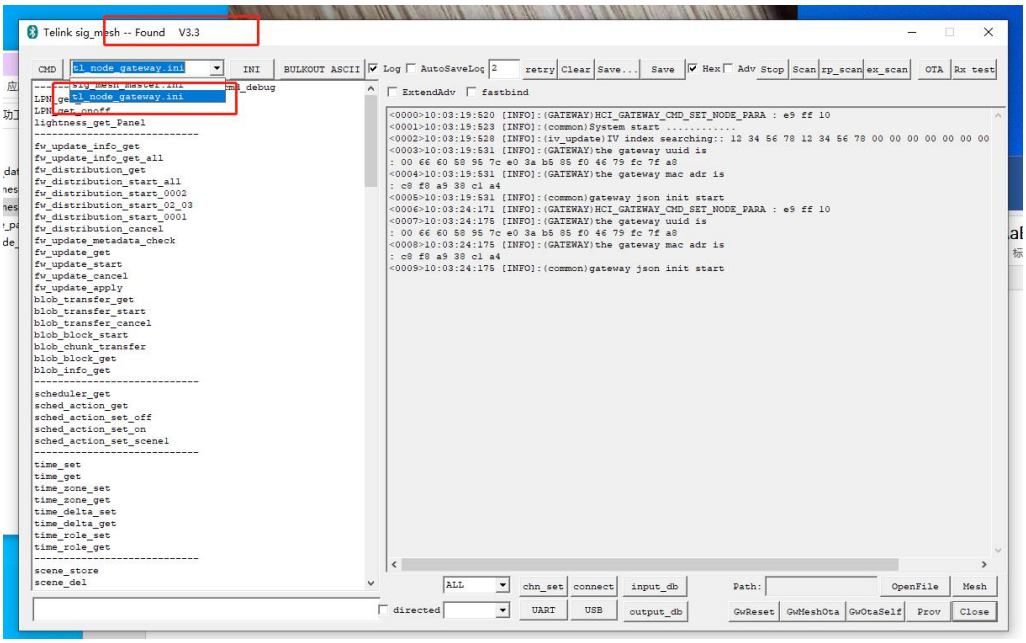


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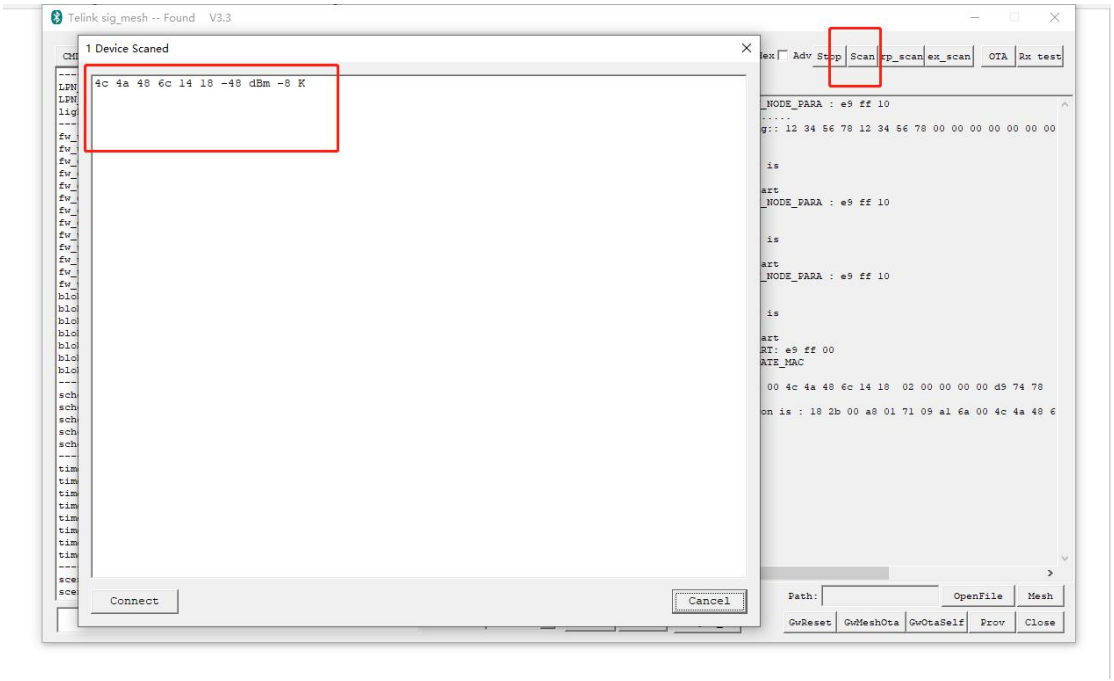
2. Networking with danglo

2.1 Plug in the module and then turn on the host computer



2.2 Power on the module and select SCAN on the host computer

Double-click the address of the device to be networked

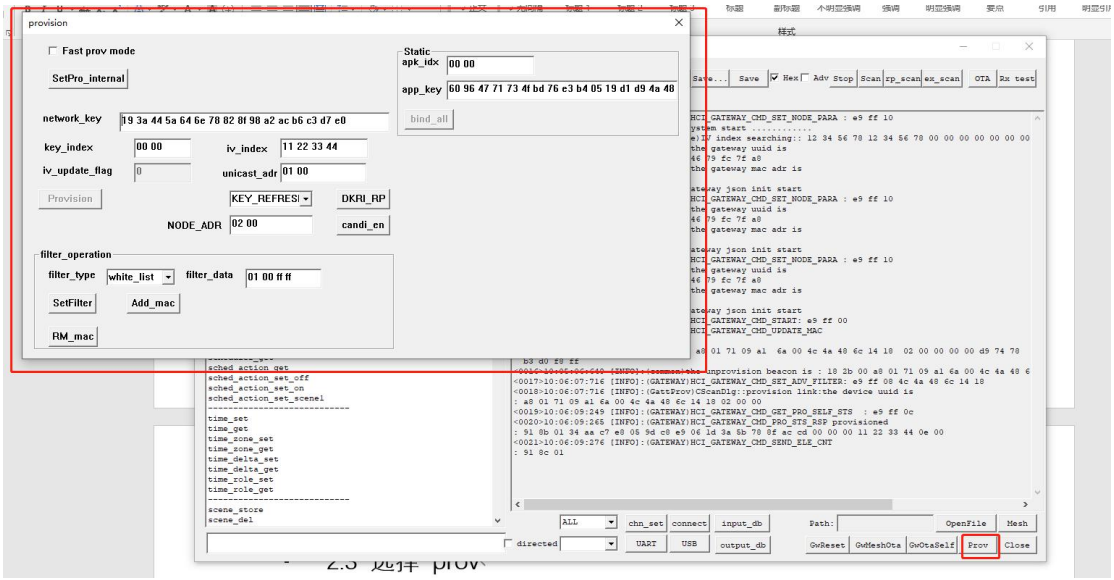


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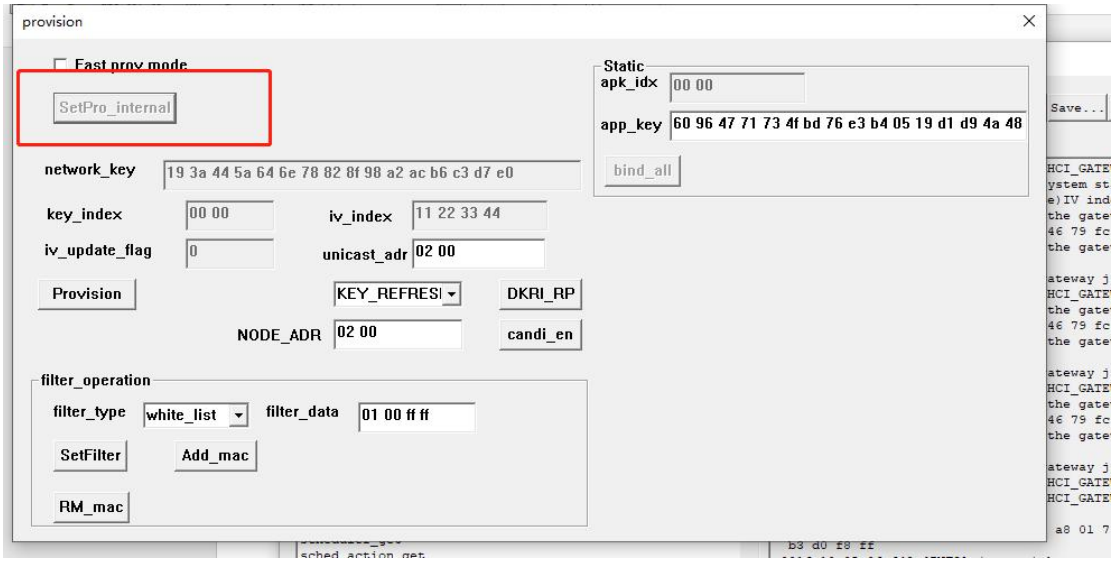
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2.3 Select PROV

After clicking PROV, the options in the left will appear.



2.4 Set parameters, only when using USB dangglo for the first time

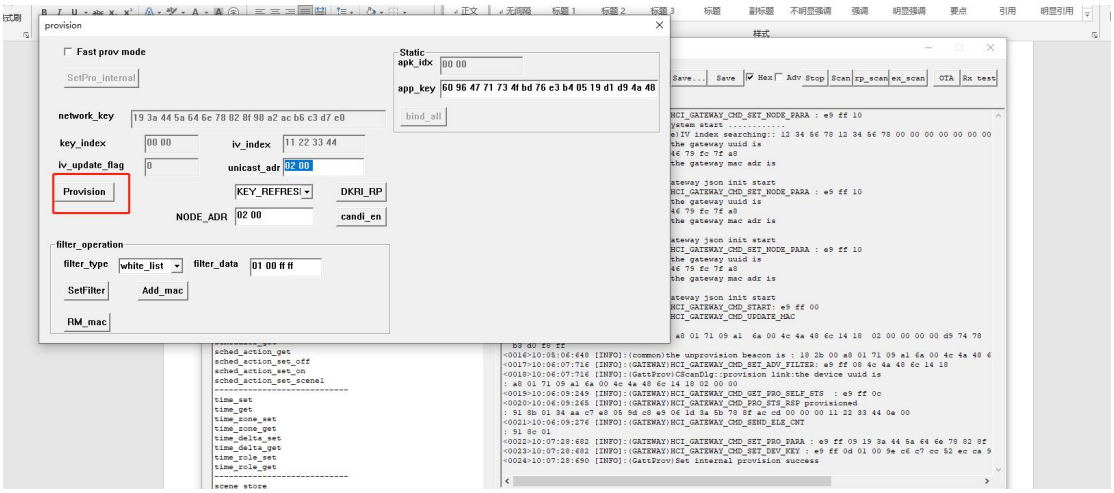


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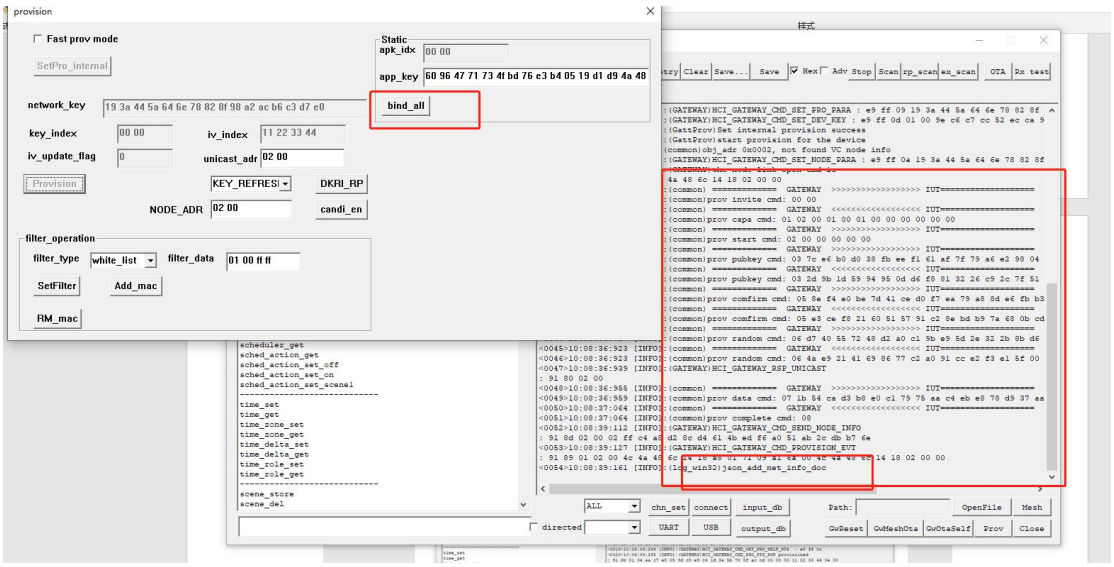
2.5 PROV Start

Click the option as the picture followed shows



2.6 Bind APP key

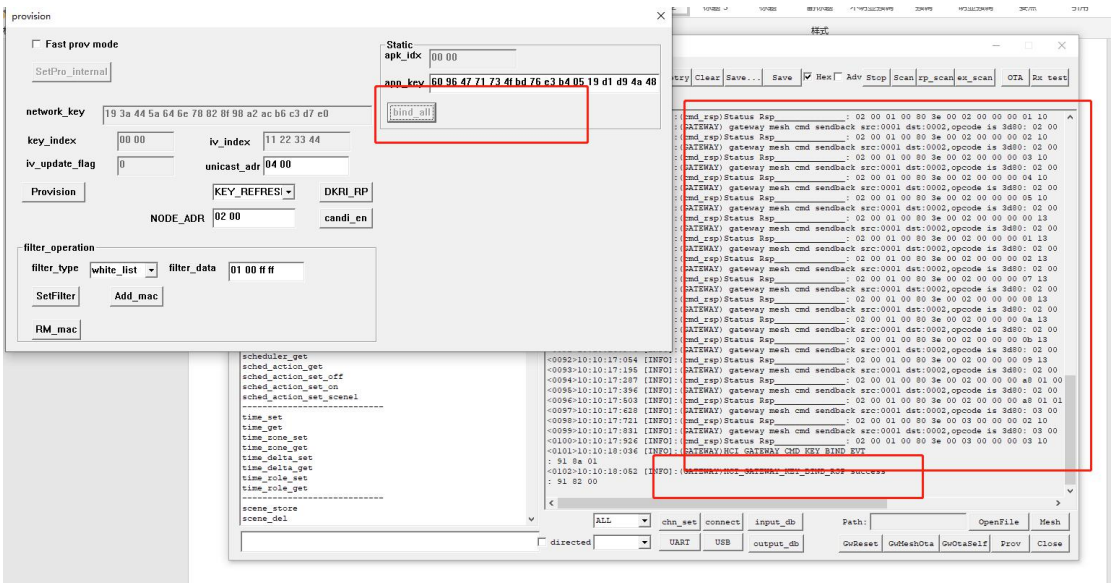
As shown below, you can bind the APP key after completing the prov



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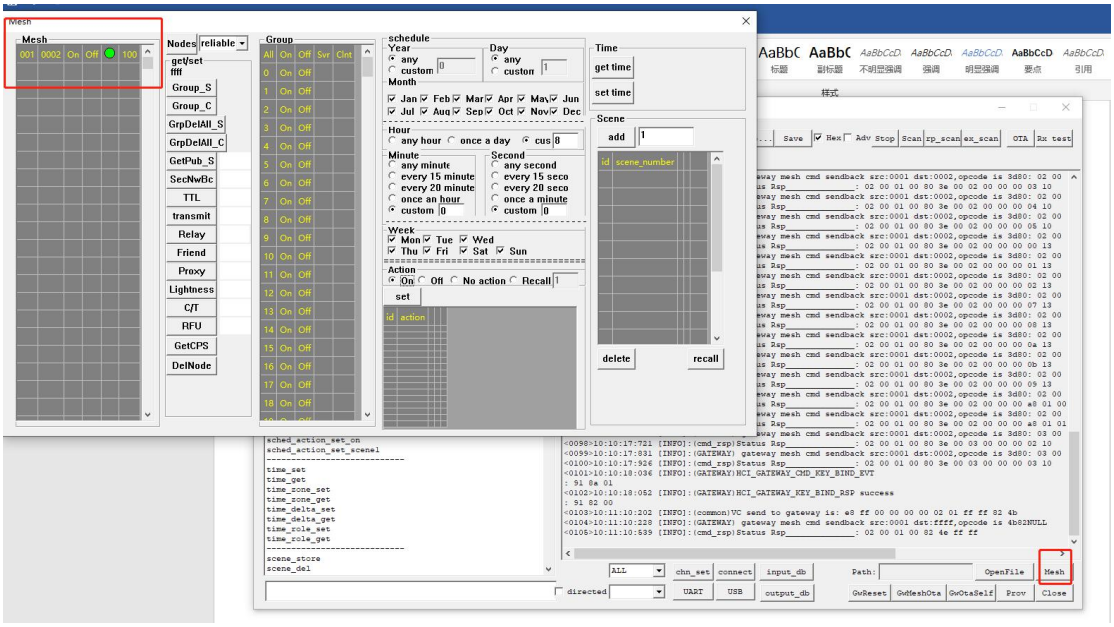
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2.7 Complete Networking



2.8 Controlling lights

Click on mesh to bring up a new page



Click on ON or OFF in the red box to switch the light on or off

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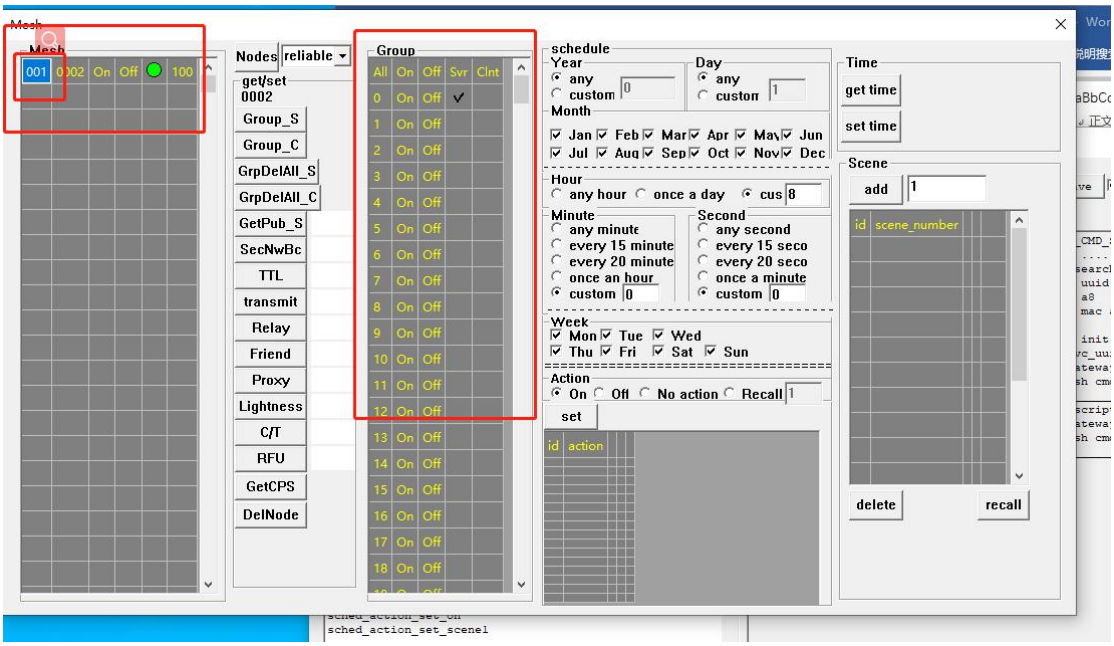
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3. Publish and Subscribe Settings (Grouping)

Publish and subscribe means that multiple modules are assigned to a virtual address, which can be interpreted as grouping, that is to say, if I assign a device to a group, then any of devices will transmit data to the group address and the rest will receive it.

3.1 Implementing Grouping

The first step is to double click on location 001 as shown below to get the address of the node, and then check the GROUP box if you want to assign the light control modle of this node to that group.



Note: The above method only groups the modle of the light control, the rest does not, if necessary, refer to the grouping section

4. SIG Grouping

SIG OP :80 1B

4.1 Join group

Command real column：e8 ff 00 00 00 00 02 01 08 00 80 1b 08 00 00 c0 00 10

e8 ff				00 00	00 00	02 01	08 00	80 1b	08 00	00 c0	00 10
Cmd header				Fixed	Fixed	Unknown	Destination address	SIG OP	Element address	Group address	Modle ID

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4.2 Delete Group

Command real column：e8 ff 00 00 00 00 02 01 08 00 80 1d 08 00 00 10

e8 ff	00 00	00 00	02 01	08 00	80 1d	08 00	00 10
Cmd header	Fixed	Fixed	Unknown	Destination address	SIG OP	Destination address	ModleID

5. VENDOR Group

5.1 Join group

Directive real column: e8 ff 00 00 00 00 02 01 02 00 80 1b 02 00 01 c0 11 02 00 00

e8 ff	00 00	00 00	02 01	02 00	80 1b	02 00	01 c0	11 02	00 00
Cmd 头	Fixed Fields	Fixed	Fixed	Destination address	Sig op	Element address	Group address	ModleID	Fixed

Note: The mobile app can only subscribe to 0X1307 SIG_MD_LIGHT_HSL_S by default
Tmall Genie can only subscribe to 0010 SIG_MD_G_ONOFF_S

Note: Low-power node group transmission requires lightness mole and vindermole to be assigned under a group in order to receive group address transmission

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Phone: +86 028-61399028
Web: www.ebyte.com
Address: B5 Mould Park, 199# Xiqu Ave, High-tech District, Sichuan, China

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