

ChilinkIoT Ethernet Module Software Manual V1.0

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1. Introduction

CS11J, developed by ChilinkIoT, is a kind of Pin type Ethernet module, which Can quickly realize bidirectional data transmission between serial port and network port.

The screenshot shows the software interface with a search bar at the top left containing the text "点击搜索，查询同网段设备" and a blue "搜索" button. Below the search bar is a table with columns "SN", "MAC", and "IP". The table is currently empty. To the right of the table is a "设置" (Settings) section with input fields for "SN:" and "MAC:", and buttons for "随机SN和MAC", "设置SN和MAC", "Find Me", and "打开网页". Below the settings is a "LOG:" section with a "clear" link and a text area.

2. How to use

2.1. Search the device

The computer and the device are connected to the same LAN. Open the software and click the search button to search for the device in the LAN. Its SN code, MAC address and IP address will be listed on the left side of the software.

The screenshot shows the software interface after a search. The "搜索" button is highlighted with a red box. The table now contains one row of data: SN: 0d456b9a-6b76-402..., MAC: 00:58:1D:73:CC:4C, IP: 192.168.1.112. A red arrow points to the IP address. The "设置" section is the same as in the previous screenshot. The "LOG:" section now shows "搜索中" (Searching) and the "clear" link is still present.

2.2. Set the SN & MAC

In the setting bar on the right, you can randomize the SN code and MAC address. Click the Set SN and MAC button to reset the SN code and MAC address. As you can see from the second picture, the modification has been successful and a new IP address can be obtained.

点击搜索，查询同网段设备

搜索

SN	MAC	IP
0d456b9a-6b76-4020-...	00:58:1D:73:CC:4C	192.168.1.112

设置

SN: 7c37bfb4-3dcb-457e-bcb0-65302889e661

MAC: 00:0C:59:7E:D2:8B

随机SN和MAC

设置SN和MAC

Find Me

打开网页

LOG: clear

搜索中

随机sn和mac

点击搜索，查询同网段设备

搜索

SN	MAC	IP
0d456b9a-6b76-4020-...	00:58:1D:73:CC:4C	192.168.1.112
7c37bfb4-3dcb-457e-...	00:0C:59:7E:D2:8B	192.168.1.214

设置

SN: 7c37bfb4-3dcb-457e-bcb0-65302889e661

MAC: 00:0C:59:7E:D2:8B

随机SN和MAC

设置SN和MAC

Find Me

打开网页

LOG: clear

2.3. Find Me

Click the "Find Me" button to find the device. The device indicator light will flash red and blue alternately (the device must have an LED device). The normal indicator light is red and stays on, making it easy to find the corresponding device.

点击搜索，查询同网段设备

搜索

SN	MAC	IP
7c37bfb4-3dcb-457e...	00:0C:59:7E:D2:8B	192.168.1.214

设置

SN: 7c37bfb4-3dcb-457e-bcb0-65302889e661

MAC: 00:0C:59:7E:D2:8B

随机SN和MAC

设置SN和MAC

Find Me

打开网页

LOG: [clear](#)

搜索中

find me

find me

find me

find me

find me

2.4. Web Page Access

Click the "Open Web Page" button on the right, and the browser will automatically jump to the web device configuration interface (the device does not require login), as shown in the figure below:

点击搜索，查询同网段设备

搜索

SN	MAC	IP
7c37bfb4-3dcb-457e...	00:0C:59:7E:D2:8B	192.168.1.214

设置

SN: 7c37bfb4-3dcb-457e-bcb0-65302889e661

MAC: 00:0C:59:7E:D2:8B

随机SN和MAC

设置SN和MAC

Find Me

打开网页

LOG: [clear](#)

find me

find me

find me

find me

find me

find me

find me

find me

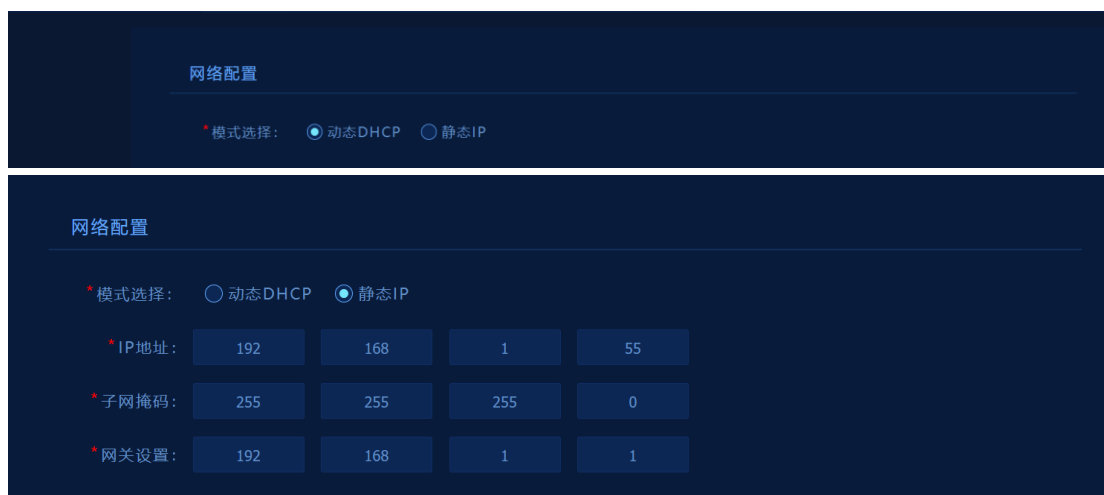
用户名: admin

初始密码: admin

3. Web Page for Configuration

3.1. Network Configuration

After successful login, you can configure the network. There are two modes to choose from: dynamic DHCP mode and static IP mode.



网络配置

* 模式选择: ☒ 动态DHCP ☐ 静态IP

网络配置

* 模式选择: ☐ 动态DHCP ☒ 静态IP

* IP地址: 192 168 1 55

* 子网掩码: 255 255 255 0

* 网关设置: 192 168 1 1

3.2. Serial Port Configuration

In the serial port configuration area, you can configure various parameters of the serial port, including baud rate, data bits, stop bits, check bits, flow control, packet length, and packet interval.



串口配置

* 打包长度: 1024 字节

* 数据包间隔: 512 毫秒

* 波特率: 115200

* 数据位: 8位

* 停止位: 1

* 校验位: 无校验

* 流控: 无

3.3. Working Mode Configuration

Support 2 kinds working mode: TCP client and TCP server.

工作模式

*网络类型: ☒ client ☐ server

*服务器地址: 192 168 10 154 *端口: 65432

*TCP超时设置: 0

*心跳间隔: 0

工作模式

*网络类型: ☐ client ☒ server

*端口: 65432

*最大连接数: 0

3.4. System Upgrade

Click the "System Upgrade" button on the right to enter the system upgrade page, and upload the upgrade file to perform the upgrade operation.

系统升级

系统重启

修改密码

用户注销

< 返回 | 系统升级

*文件名称: 请选择对应文件 ...

系统升级

3.5. System Restart

Click the "System Restart" button on the right to restart the device

系统升级

系统重启

修改密码

用户注销

< 返回 | 系统升级

*文件名称: 请选择对应文件 ...

系统升级