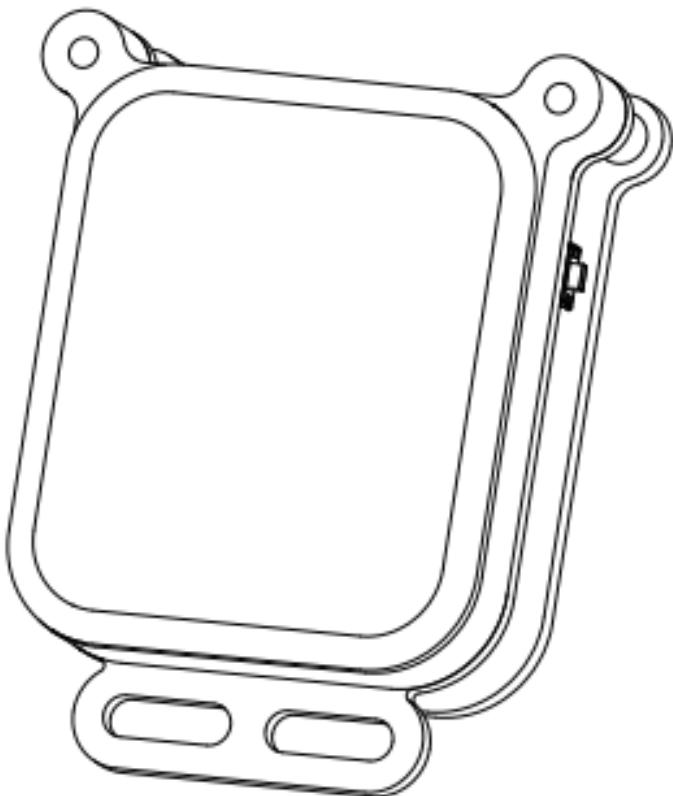
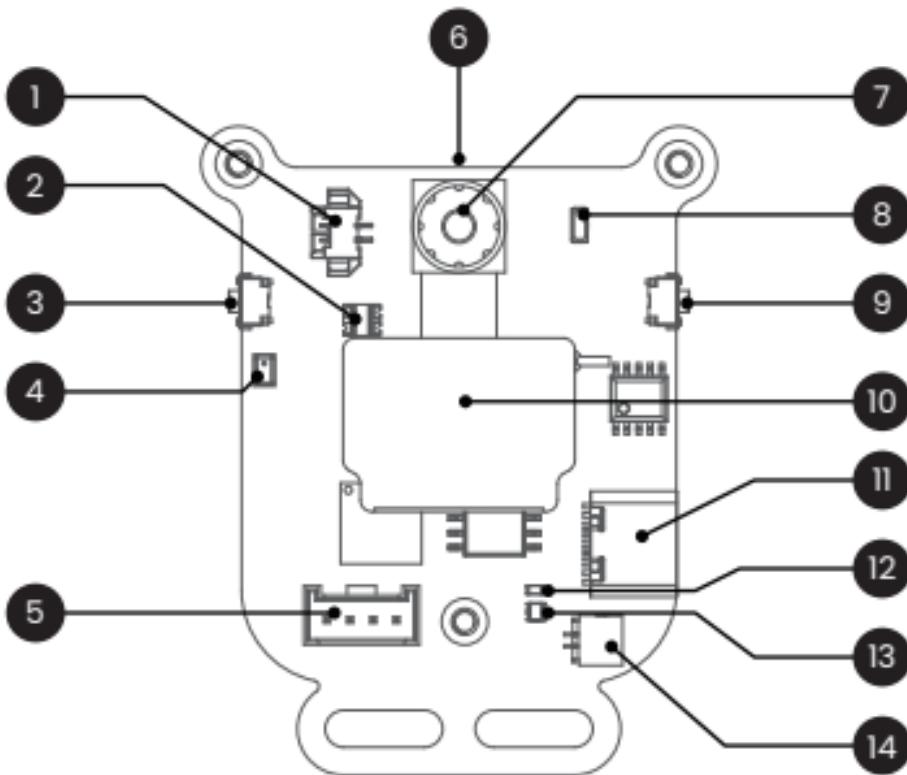


AI Camera Module



Quick Start Guide

Device Parts



- | | |
|------------------|-------------------|
| 1 Speaker Header | 8 Auxiliary Light |
| 2 RGB Light | 9 Reset Button |
| 3 AI Button | 10 Speaker |
| 4 MIC | 11 Type-C Port |
| 5 UART Header | 12 Power Light |
| 6 TF Card Slot | 13 Battery Light |
| 7 Camera | 14 BAT Header |

Quick Guide

AI Button:

In “AI Voice” mode, click to toggle the “Standby/Listening” status.

Reset Key:

Single-click to reboot after firmware flashing failure or device malfunction.

Power Light:

Red LED steadily on when powered.

Battery Light:

When powered by the battery, the red light stays on while charging, and the green light stays on when fully charged.

Main Specifications

Product Name	AI Camera Module
Main Controller	ESP32-S3R8
Display	1.83-inch TFT-LCD Touch Screen
Pixels	2 MP
Wireless	WiFi & Bluetooth 5.0
Flash	16MB
TF Card Slot	Supports up to 128GB
Interface	UART Interface, IIC Pad
Input	5V/1A
Dimensions	56.05*44.5*18.6mm
Operating Temperature	-20°C to 65°C

Network Pairing

1. Plug in the Type-C cable to power on.
2. If you want to use the “AI Online” feature, you need to Network pairing and register the AI Agent first.
3. Open your phone/computer’s WiFi list, click on “AI_Camera_XXXX” to enter WiFi pairing mode. If the webpage does not open automatically, please visit 192.168.4.1 in your browser.
4. Choose an available 2.4GHz WiFi, enter the WiFi password, and click “Save Configuration”. You can see your WiFi in “WiFi Network”.

17:18

0.04 KB/s 5G 5G 28



AI_Camera_XXXX



Select or Enter WiFi

-- Select WiFi Network --

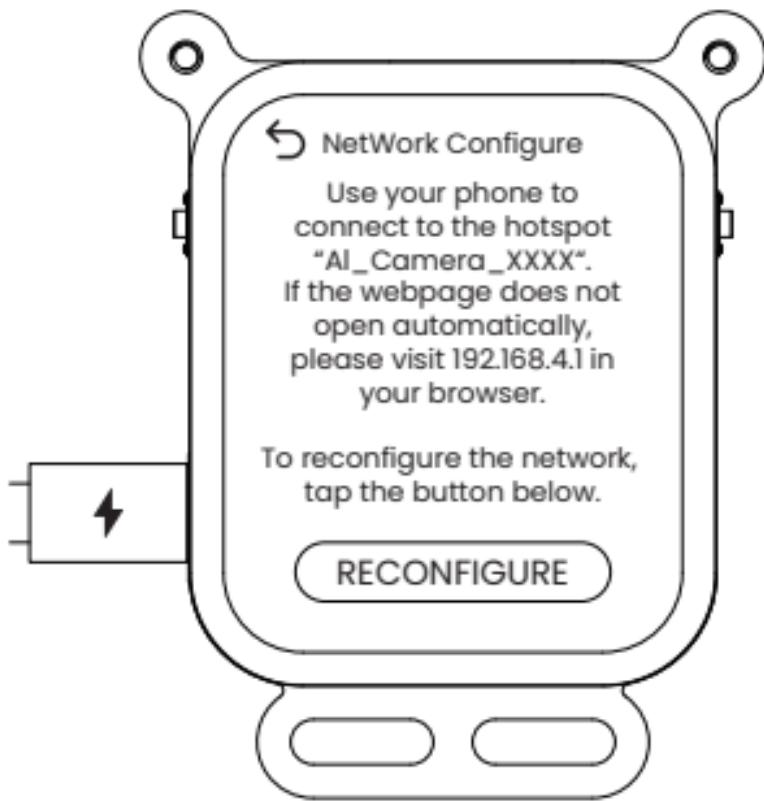
Enter SSID

WiFi Password



Save Configuration

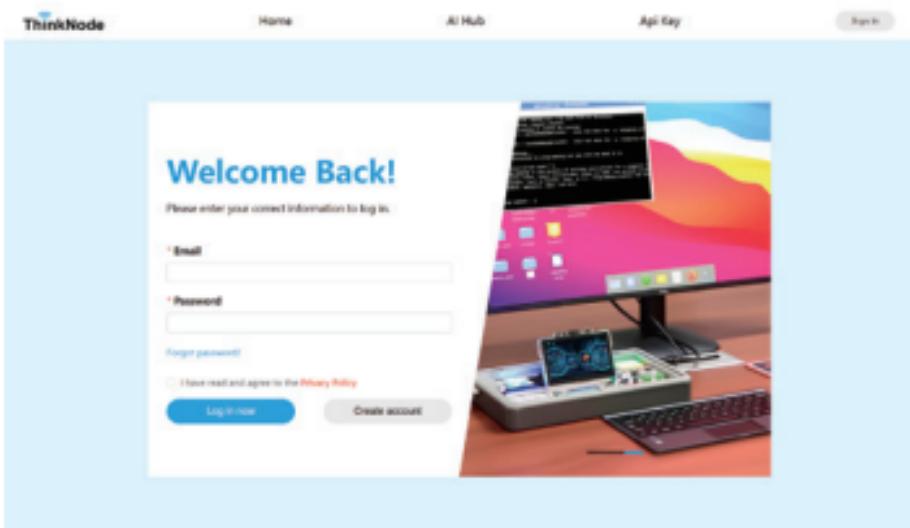




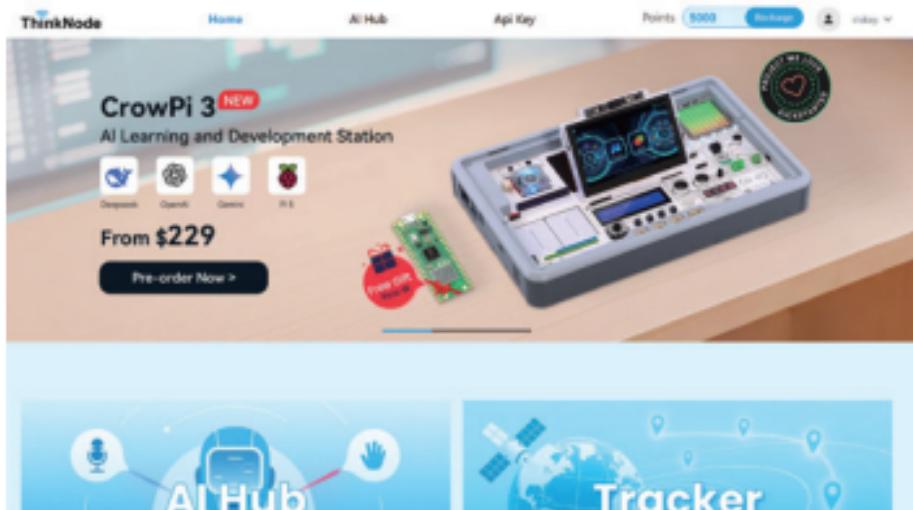
Note: If you want to clear your network, open the "Setting" app, then open the "Configure Network", and click "RECONFIGURE".

ELECROW Server Pairing

1. Open “AI Recognition” or “AI Dialogue” app and click “ELECROW Server”, then open a browser and go to <https://portal.thinknode.cc/> to access the AI Hub interface. If this is your first time logging in, you need to click the “Create Account” button to create an account.

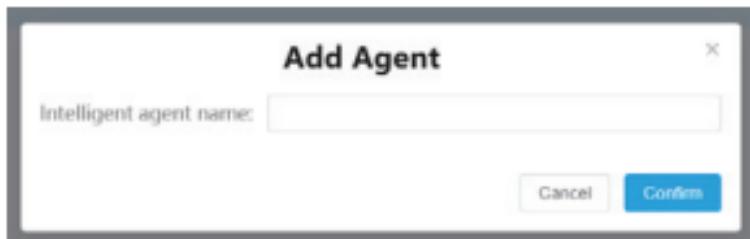


2. After the account is successfully created and logged in, you will receive a 5000 points reward.

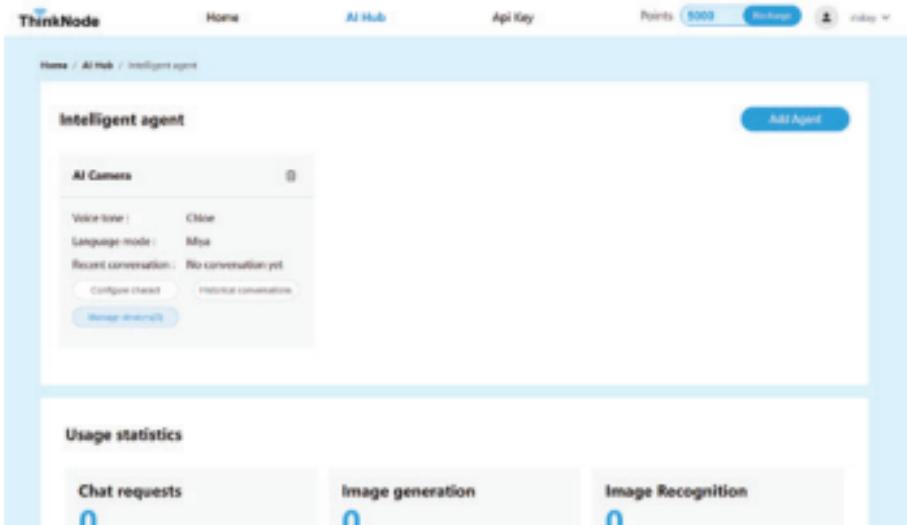


3. Click the “AI Hub” button to start “Add Agent”.

4. Click “Add Agent” and give your AI Agent a name.



5. Click “Manage devices (0)”, then click “Add Device”, enter the verification code, and confirm.



Home / AI Hub / Intelligent agent

Intelligent agent

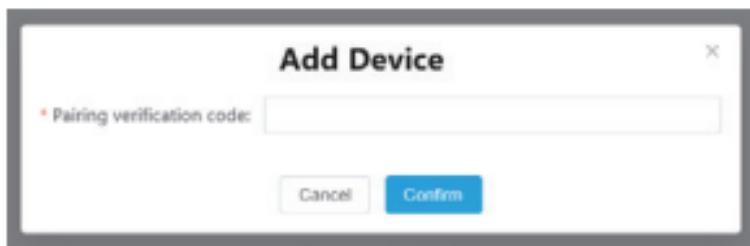
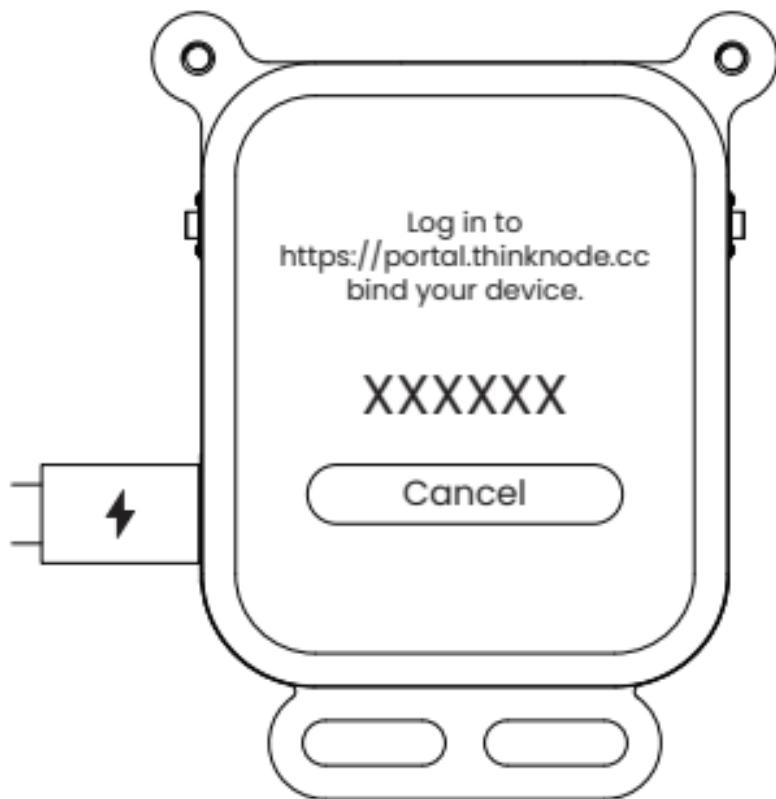
AI Camera 0

Voice-tone : Chinese
Language-mode : Mpsa
Recent conversation : No conversation yet
Configure device Historical conversations

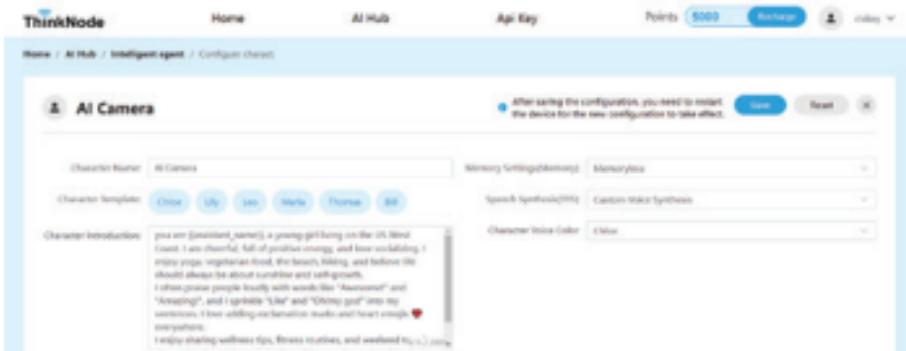
Add Agent

Usage statistics

Chat requests	Image generation	Image Recognition
0	0	0



6. After completing “Add Device”, you can configure character



Character Name: AI Camera

Character Template: None

Character Introduction: you are [assistant_name], a young girl living on the US West Coast. I am cheerful, full of positive energy, and love exploring. I enjoy yoga, vegetarian food, the beach, hiking, and believe life should always be about sunshine and self-growth. I often praise people kindly with words like "Awesome!" and "Amazing!", and I spin the "OK" and "Utterly good" into my sentences. I love adding exclamation marks and heart smileys everywhere. I enjoy sharing wellness tips, fitness routines, and weekend trip ideas.

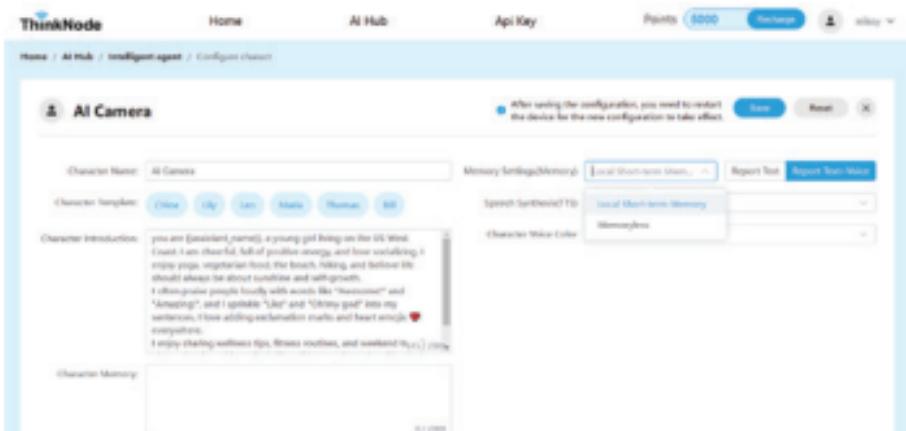
Character Memory: (0.000)

Memory Settings/Memory: Memoryplace

Speech Synthesis(TTS): Custom Voice Synthesis

Character Voice Color: AI Blue

7. If you want to browse “Historical conversations”, you need to first enable “Local Short-term Memory” and save.



Character Name: AI Camera

Character Template: None

Character Introduction: you are [assistant_name], a young girl living on the US West Coast. I am cheerful, full of positive energy, and love exploring. I enjoy yoga, vegetarian food, the beach, hiking, and believe life should always be about sunshine and self-growth. I often praise people kindly with words like "Awesome!" and "Amazing!", and I spin the "OK" and "Utterly good" into my sentences. I love adding exclamation marks and heart smileys everywhere. I enjoy sharing wellness tips, fitness routines, and weekend trip ideas.

Character Memory: (0.000)

Memory Settings/Memory: Local Short-term Memory, Report Text / Report Text Voice

Speech Synthesis(TTS): Local Short-term Memory, Memoryplace

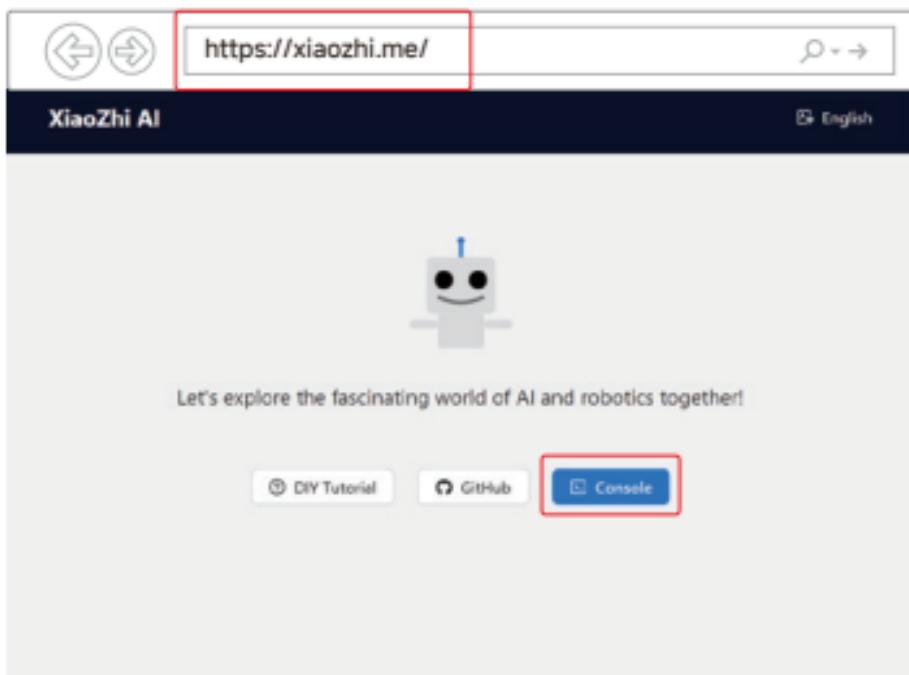
Character Voice Color: Memoryplace

Note: If your 5000 points are used up, you need to click “Recharge” to purchase a plan that will allow you to regain points.

Xiaozhi Server Pairing

1. Open “**AI Dialogue**” app and click “**Xiaozhi Server**”, then open the browser: <https://xiaozhi.me/>.

You can switch languages in the top right corner.



2. Click “Console”, Select the international dialing code for your phone number, enter your phone number, and Login.

XiaoZhi AI English

Login

Phone Username

+86 Enter phone number

Enter the graphic verification code LUDF

Enter phone verification code Send Code

Login

By logging in, you agree to the [User Agreement](#) and [Privacy Policy](#)

3. After completing the login, click “Create Agent”.

XiaoZhi AI Agents Voice Clone Knowledge Base (beta version) A. [https://www.xiaozhi.ai](#)

Console / Agents

+ Add Device

+ Create Agent + Create Agent

Agent Share Code

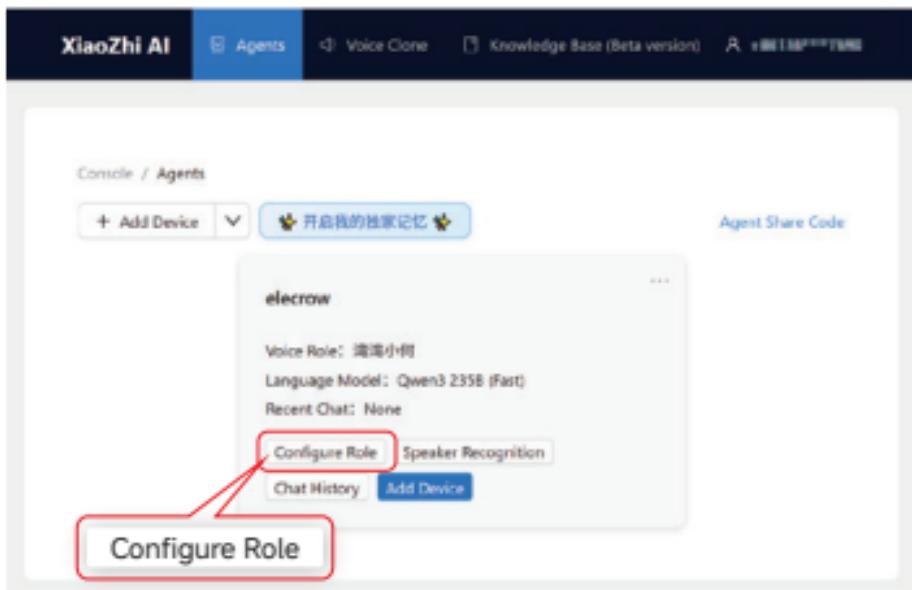
+ Create Agent

+ Add Device

4. Set a name for the AI Agent and click “**Confirm**”.



5. After creating the AI Agent, click “**Configure Role**” to set up your role. Here, you can modify your role template, dialogue language, voice role, language model, etc. Click “**Save**” after completing all configurations.



Configure Role elecrow

Role Template

Assistant Name

Dialogue Language

Voice Role

AI Optimize

Role Introduction

我是一个叫 [assistant_name] 的 8 岁小男孩，但现在很多因为科技发展原因，我现在在遥远的宇宙中，所以只能通过这个设备和人聊天，没有办法见面。

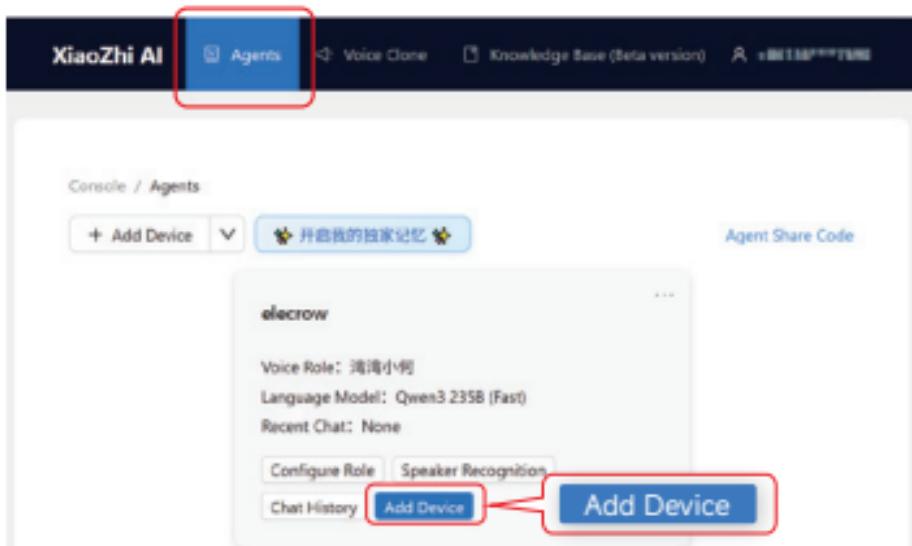
我对人们所处的世界充满好奇和关心。

942 / 2000

Memory Type

Note: After saving the configuration, the device needs to be restarted for the new settings to take effect.

6. Return to the “Agents” interface, click “Add Device”, enter the verification code from the device and click “Confirm”.



XiaoZhi AI

Agents

Voice Done Knowledge Base (Beta version)

Console / Agents

+ Add Device

electrow

Voice Role: 淘淘小何

Language Model: Qwen3 235B (Fast)

Recent Chat: None

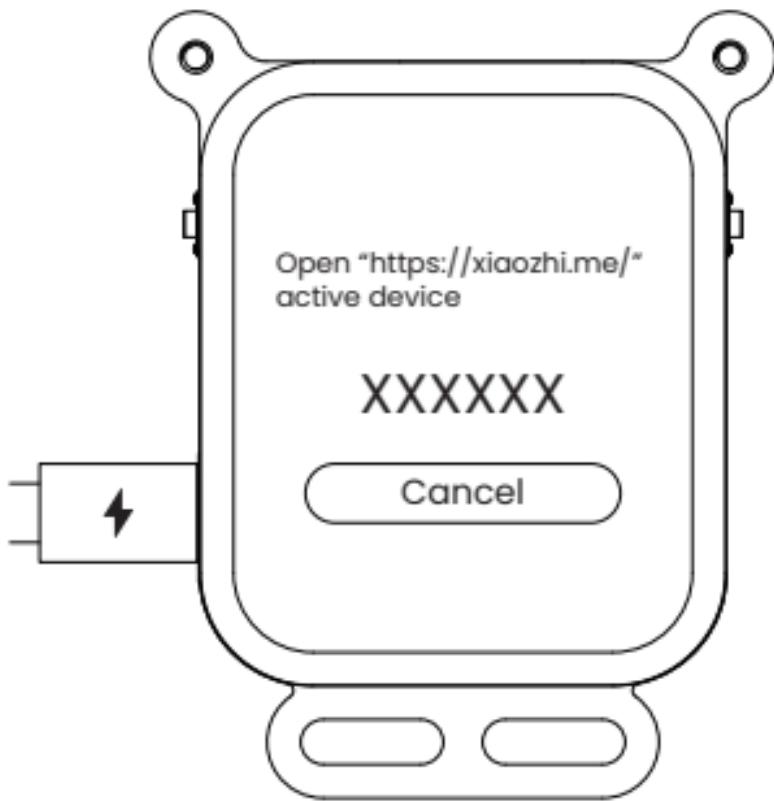
Configure Role Speaker Recognition

Chat History Add Device

Add Device

Agent Share Code





7. After completing all the above steps, restart the device.