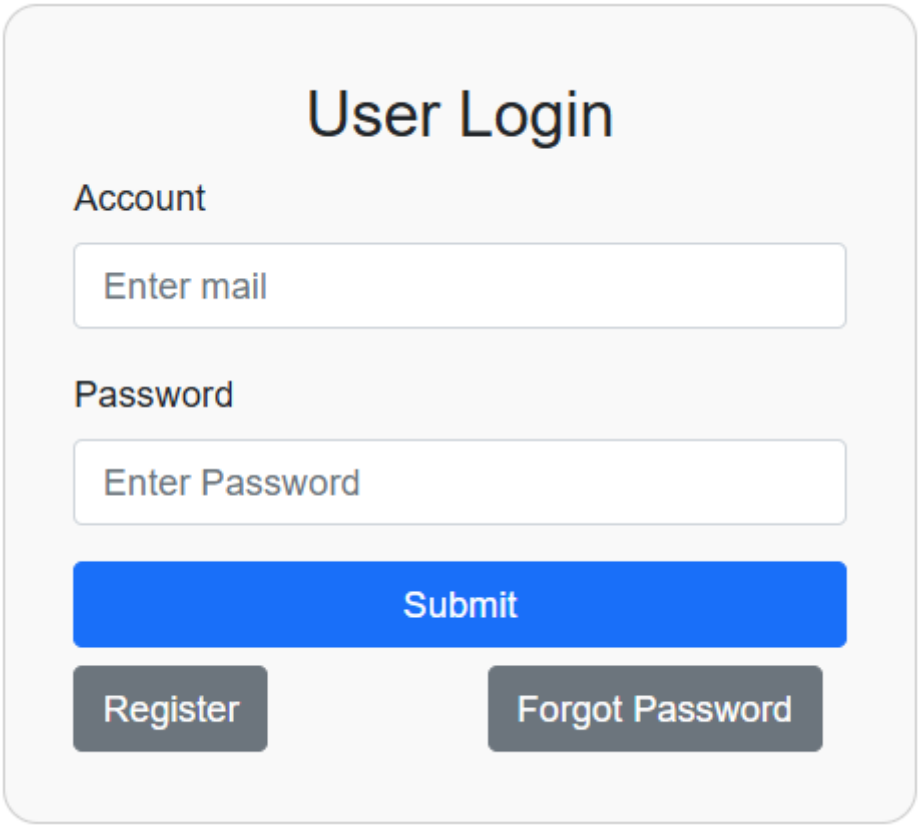
MQTT Operation Manual



For your safety, please read these instructions carefully and keep them for future reference.

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Chapter 1: Introduction to MQTT

MQTT is a lightweight communication protocol that uses a Publish/Subscribe (Pub/Sub) model, making it especially suitable for environments with low bandwidth, high latency, or unstable network conditions. In the latest version, door intercoms and door controllers officially support MQTT, offering a new option for remote door access control.

Through MQTT, users can remotely control devices over the internet, no longer limited to traditional methods such as phone dialing or SMS-based door access. As long as the device has browser capabilities, door operations can be easily performed, including:

- Tablet / Smartphone
- Desktop Computer / Laptop
- MacBook
- Linux

This feature greatly enhances flexibility and convenience, making remote management smarter and more versatile.

Chapter 2: Instructions for Adding Devices via MQTT and Web Interface

NOTE: It is recommended to log in using a mobile browser to facilitate sending SMS messages for device binding.

Administrator Section

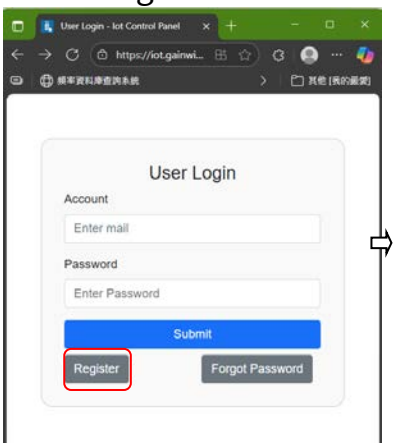
1. Please open your web browser first.

Please open your browser (Chrome or Safari), and enter the URL: iot.gainwise.com.tw, or use your mobile device to scan the QR code to access the website.

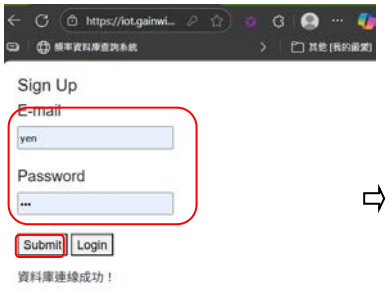
2. Please select a language.

3. Register an account.

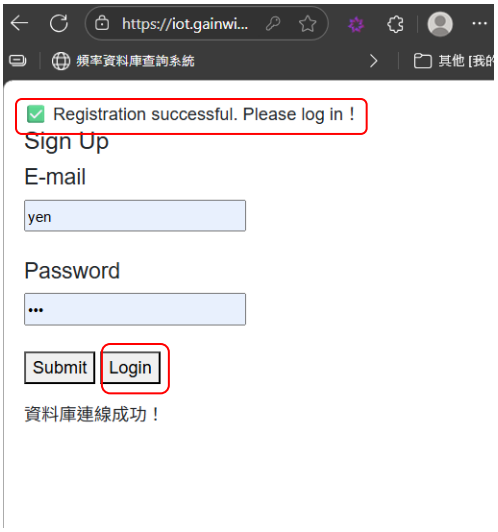
Click “Register”



Enter your email and password, then click “Register” to complete the registration.

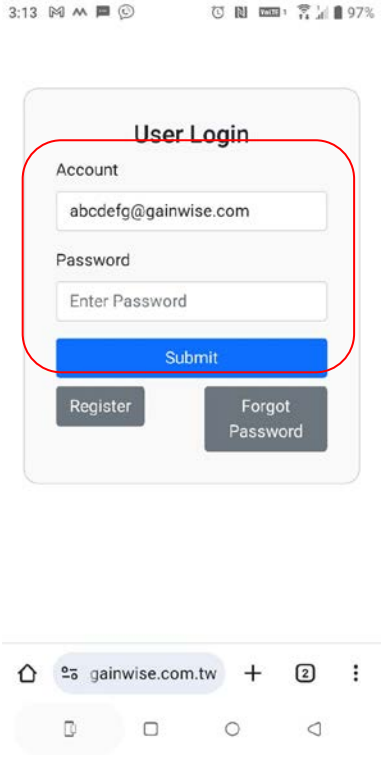


When you see the message “Registration successful, please log in,” it means your registration is complete. Please click “Log In” to return to the login screen.

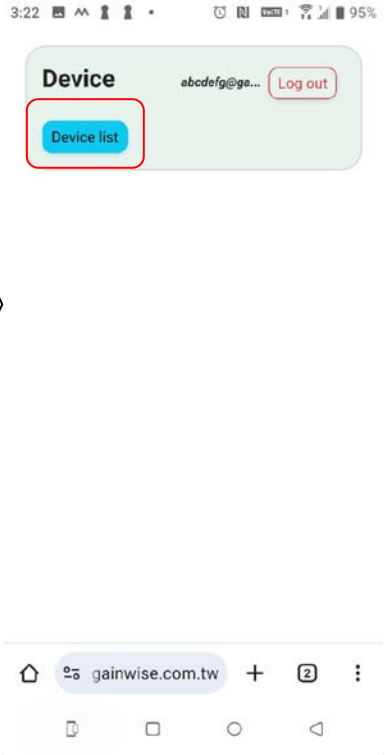


4. Log in to your account.

Enter the account and password you just registered, then click “Log In”.

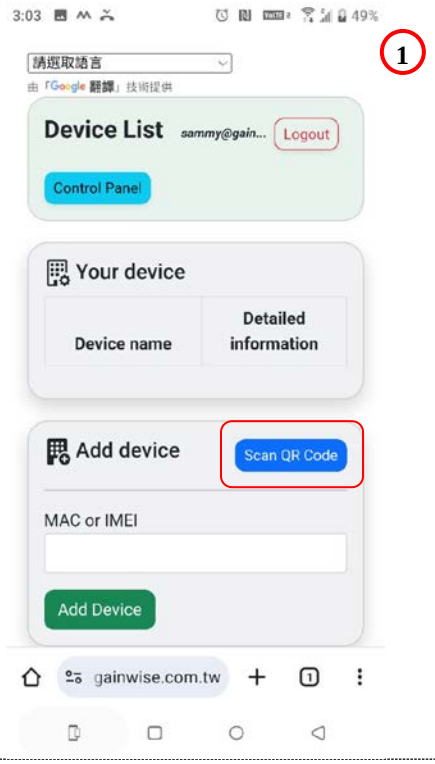


Login screen:
To add a new device, click on (Device List) to proceed to the next step



5. Obtain device IMEI

Click (Sccan QR code)

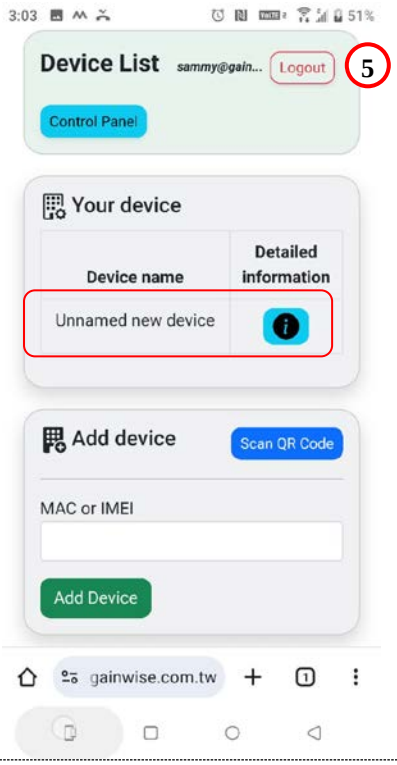


Scan the device's IMEI barcode.

After scanning, press "Add device".

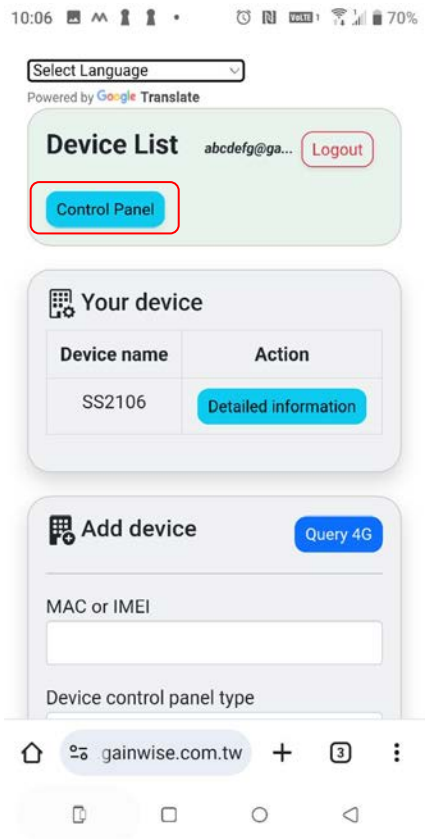
After confirming the addition is complete, press "OK".

Device addition complete.

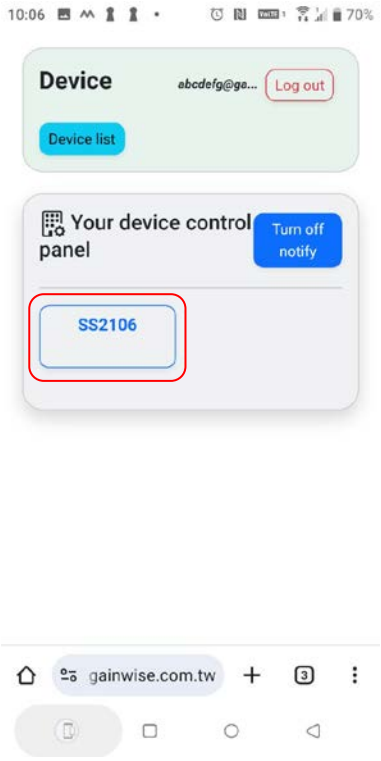


6. Administrator Web Panel Operation and Explanation

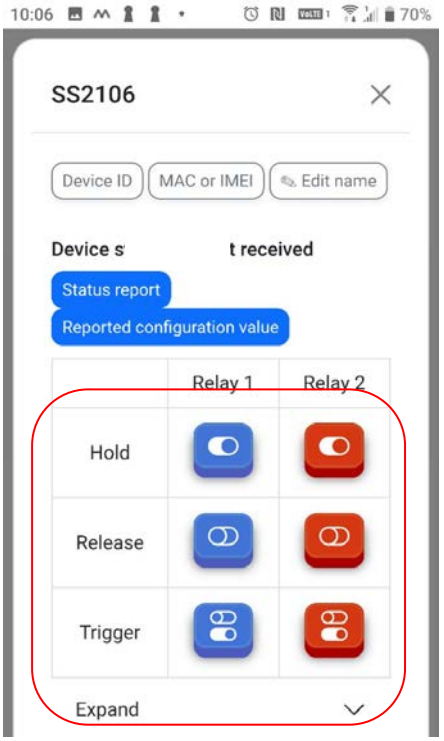
Click “Control Panel”



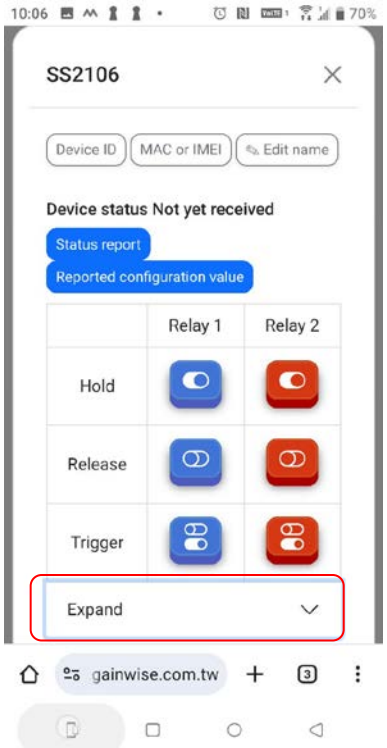
Click the “Device Button”



After opening the control panel, you can perform RELAY operations.



Click “Expand” to view the device’s RELAY status, trigger history, and entry/exit records.

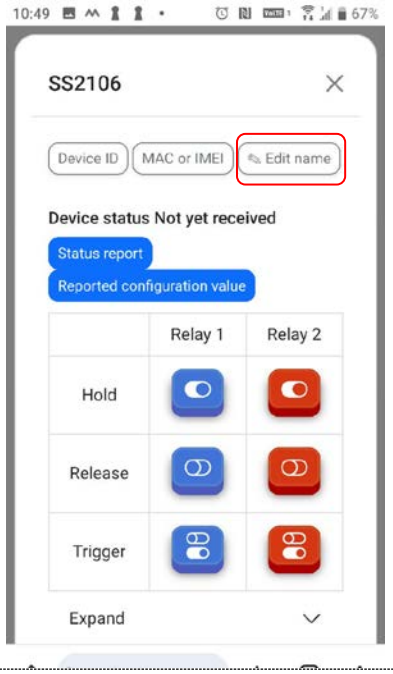


· RELAY and INPUT Status
· Trigger Records

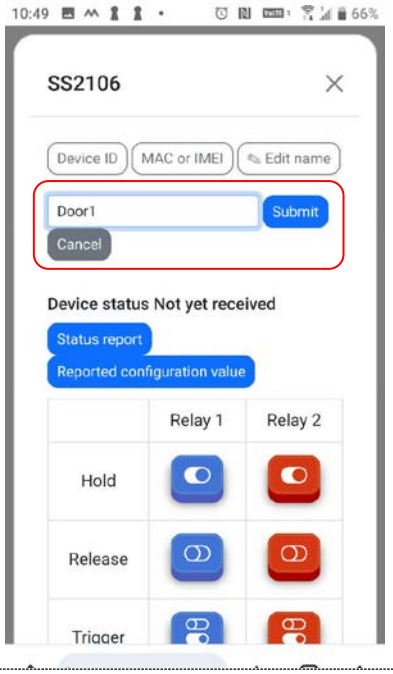
· in out records

7. Edit Device Name

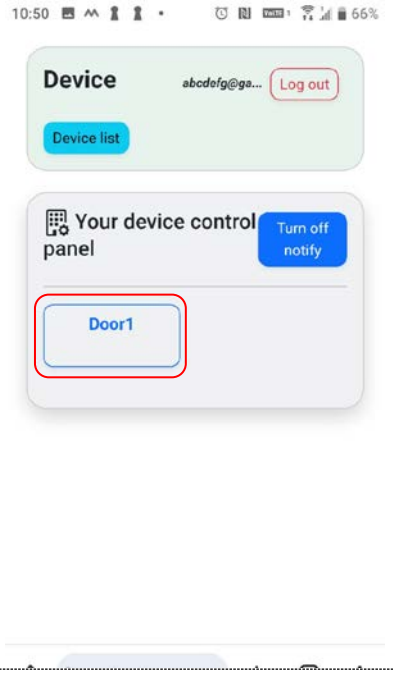
Opening the control panel, click “Edit Name”.



Enter the desired name, then click “Submit”.



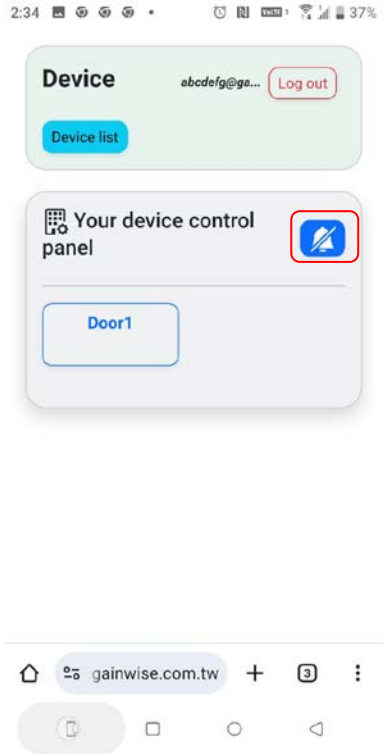
Name change completed.



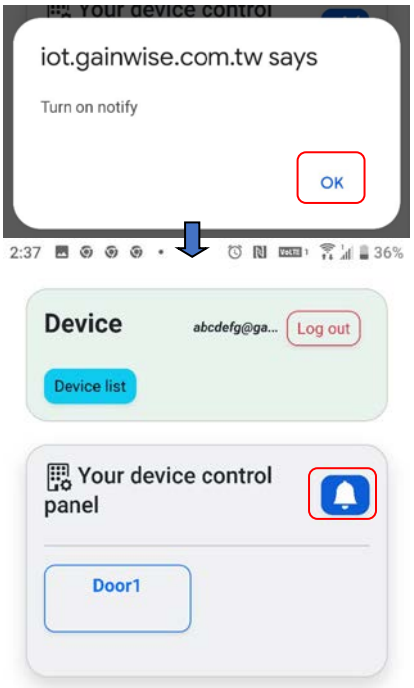
8. Enable mobile notification settings

Once web notifications are enabled, you can receive trigger alerts from the device even if the web interface is not open on your phone.

Notifications are turned off by default. Tap to enable notifications.



Notification enabled.

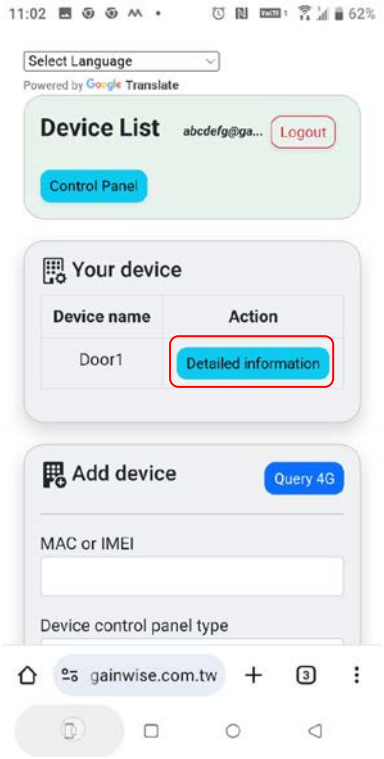


The notification screen appears as follows:

9. Change Device Administrator

Click “Device List”.

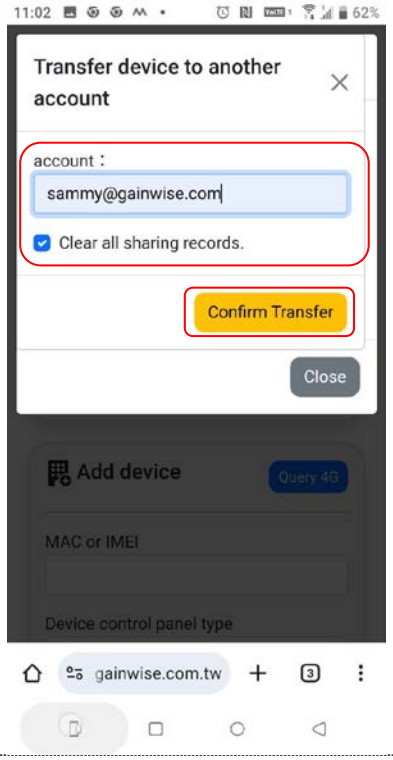
Click “Detailed information”



Select “Operation”, then click “Transfer administrator”

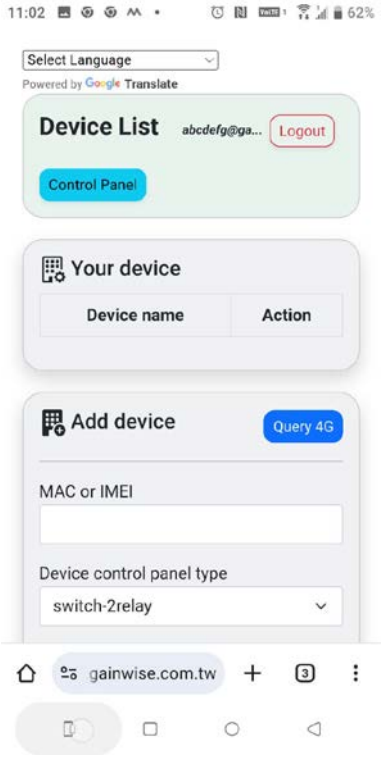
Enter the account of the new device administrator, then click “Confirm Transfer”.

NOTE: You can choose whether to clear the device’s sharing history.



Transfer successful screen as shown below

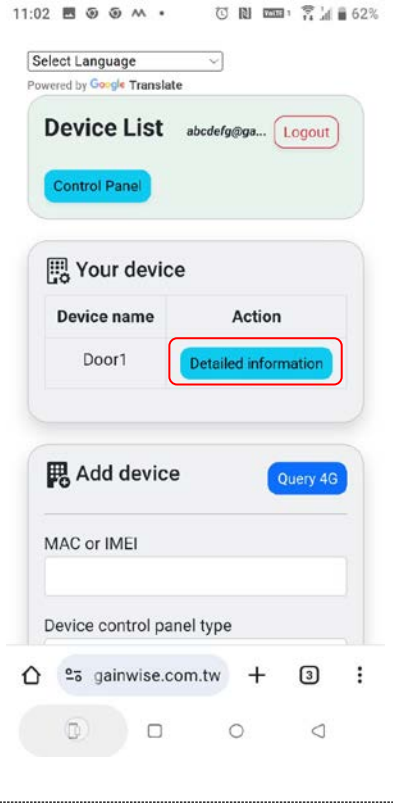
The device has been successfully removed from the original account.



10. Share Device and View Other Users

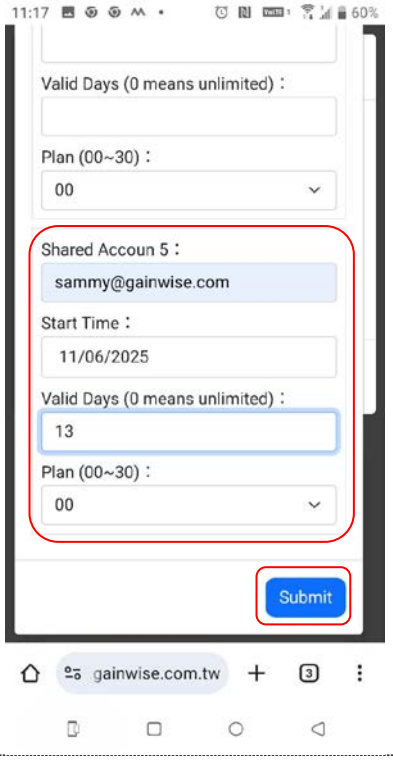
NOTE: Users who receive a shared device can perform RELAY operations.

Click “Detailed information”



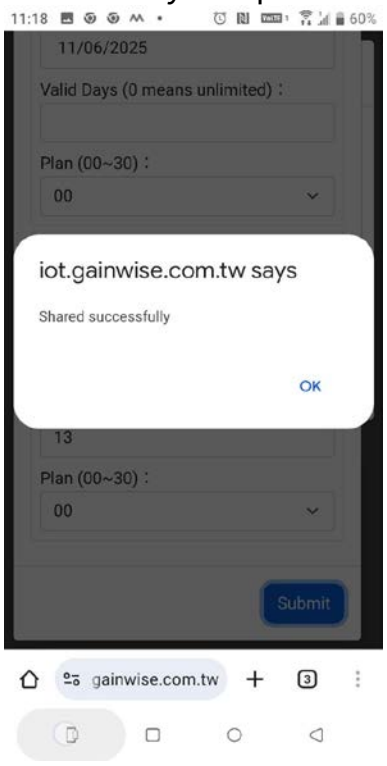
Select “Operation”, then click “Share”

Enter the following information



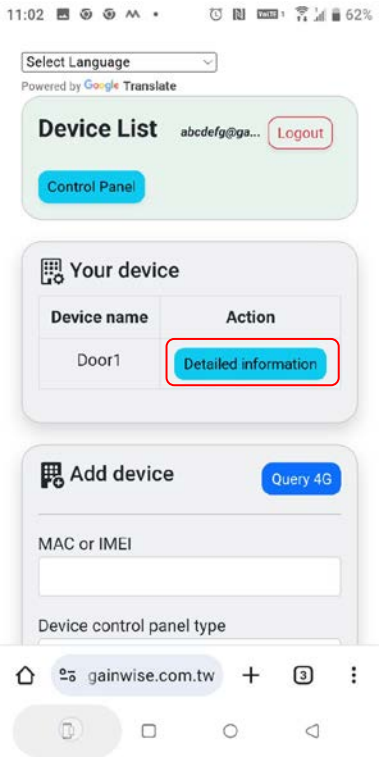
NOTE: Each device can be shared with up to 5 accounts. If no “Plan” is specified, please select “00”.

Clicking “Submit,” the device sharing is successfully completed

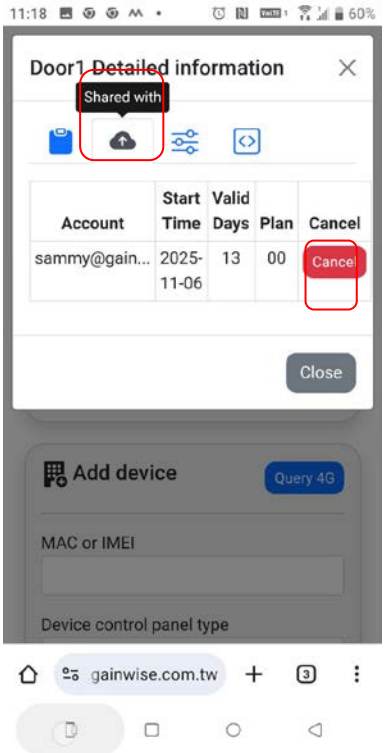


View Current Shared Users

Click “Detailed information”



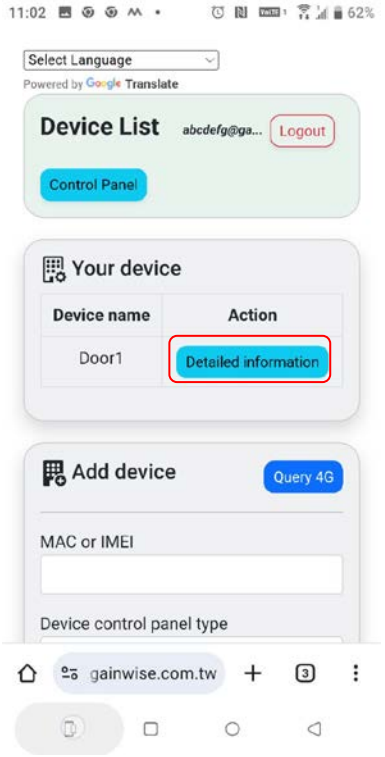
Select “Shared with” to view the accounts currently shared. You can also click “Cancel” to immediately revoke sharing.

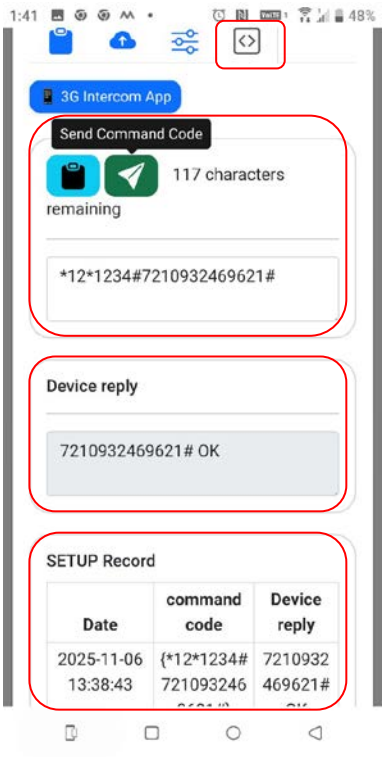


11. Advanced Settings for 4G Door Intercom or 4G Door Opener

Previously, device configuration was done by sending “SMS command codes” via text message. Now, you can send “SMS command codes” through the web interface (limited to the *12*XXXX# series).

Click “Detailed information”





Select the “Command” field.

Enter the “SMS Command Code” into the field, then click “Send Command Code”.

The configuration result will be displayed in “Device Reply”.

Previously configured commands and their results will be recorded in “SETUP Record”.

NOTE: You can also use the “3G Intercom App” to program commands. After completing the setup, “copy” the command and paste it into the field using the “One-Tap Paste” option. The command will be directly entered into the field.

User Section

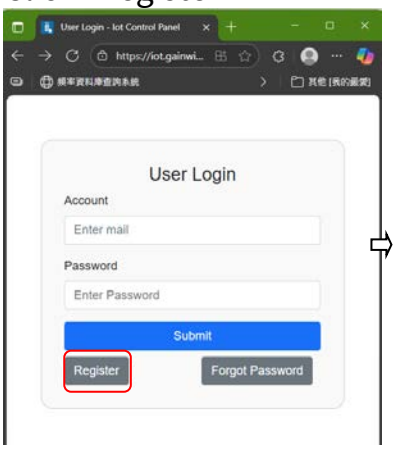
1. Please open your web browser first.

Please open your browser (Chrome or Safari), and enter the URL: iot.gainwise.com.tw, or use your mobile device to scan the QR code to access the website.

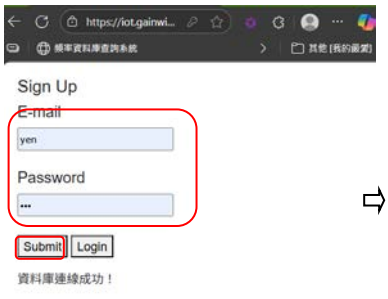
2. Please select a language.

3. Register an account.

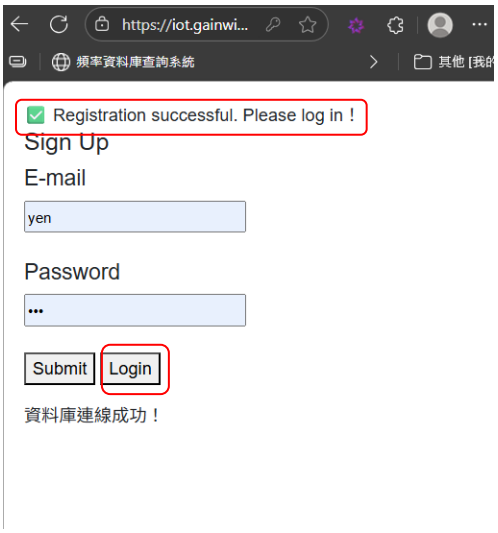
Click “Register”



Enter your email and password, then click “Register” to complete the registration.

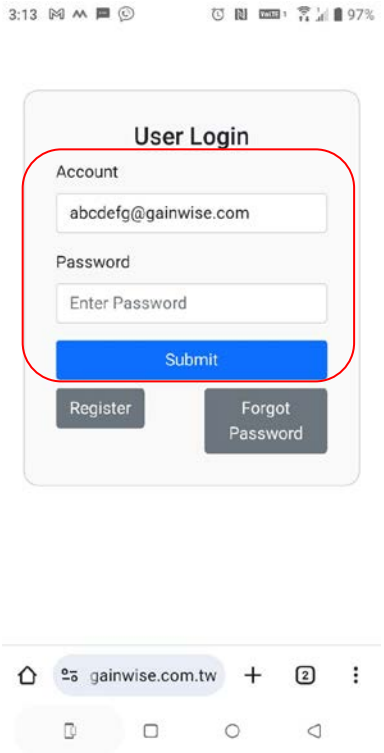


When you see the message “Registration successful, please log in,” it means your registration is complete. Please click “Log In” to return to the login screen.



4. Log in to your account.

Enter the account and password you just registered, then click “Log In”.



Login screen:

5. Access the shared device and begin control.

Please provide the registered account (Email) to the device administrator.

After the device administrator completes the sharing process, the user simply needs to log out and log back in to see the device control panel on the “Device Management” page (as shown in the image on the right).