



Smart Wireless App Module

Instruction Manual

CM-AM23S



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Contents

Preparation for Telegram Connection

1. Create Telegram bot	3
2. Create a group chat to receive push notifications	5
2-1. Desktop version	5
2.2. Smartphone version	8
3. Search for Chat ID	9

Connecting CM-AM23S module with device

4. Connecting CM-AM23S module with laptop via Wi-Fi	11
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Connecting CM-AM23S module with App

5. Setting Up Simultaneous Alerts	11
6. Custom push notifications name	12
7. Multiple Wi-Fi network setup	14
8. Enter account key to enable push notifications	15
9. Receive the push notifications	16

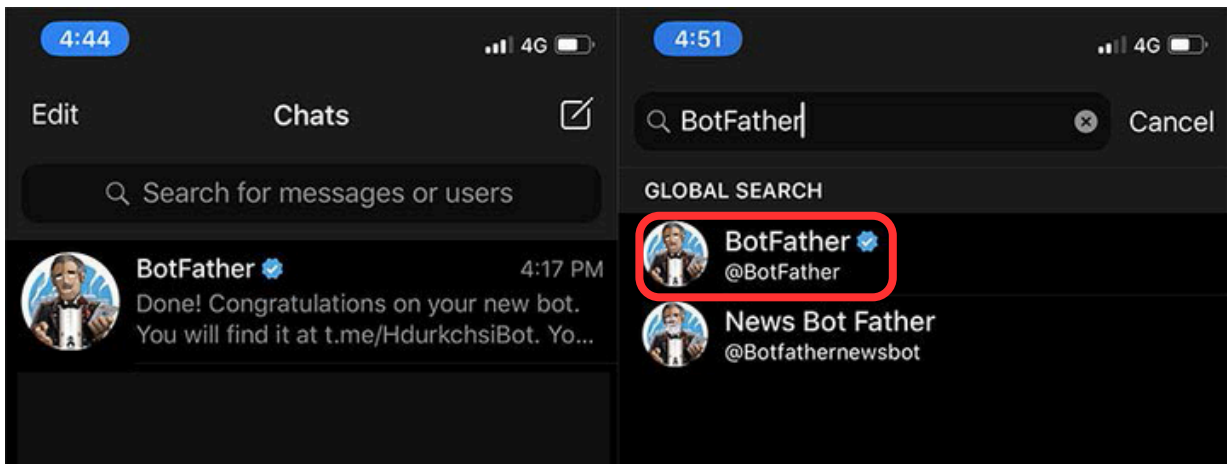


Preparation for Telegram Connection

1. Create Telegram bot

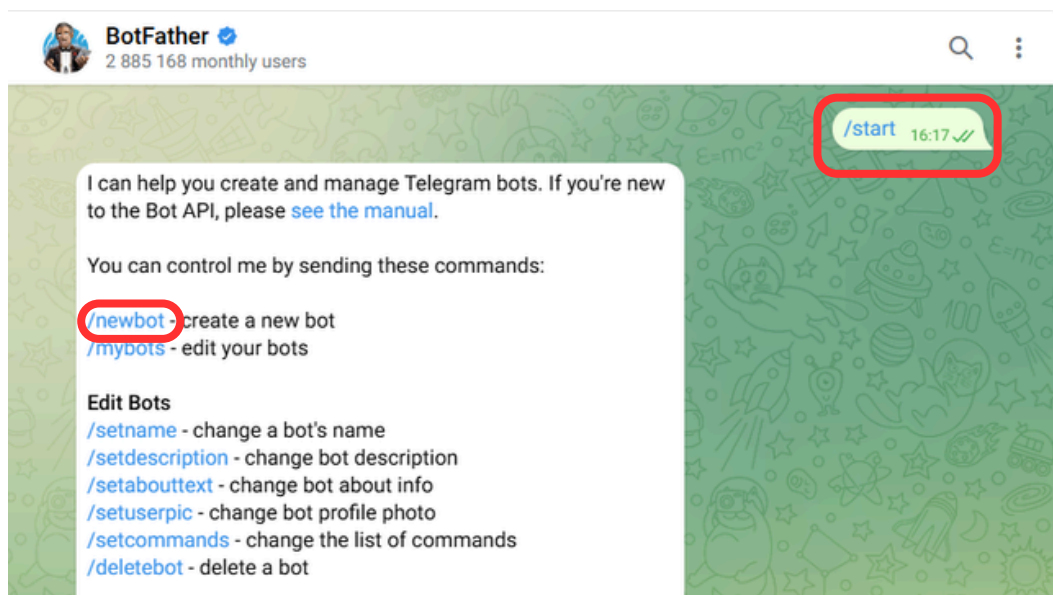
To enable message push notifications, you need to create a Telegram chatbot.

① Search for @BotFather and open the chat in your Telegram app.



② To type the `/start` command in the @BotFather chat to start the setup process. @BotFather will display a list of available commands.

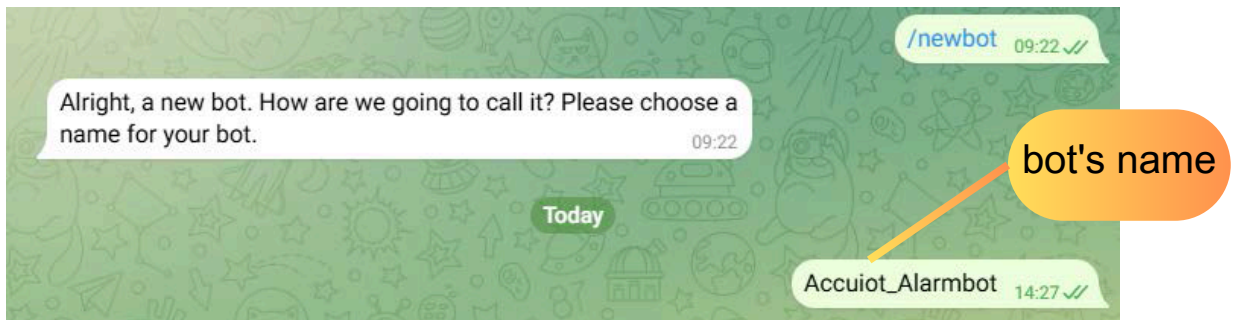
③ To click the `/newbot` command to create a new bot.



When you see the following message, it means the bot has been successfully created:

Alright, a new bot. How are we going to call it? Please choose a name for your bot.

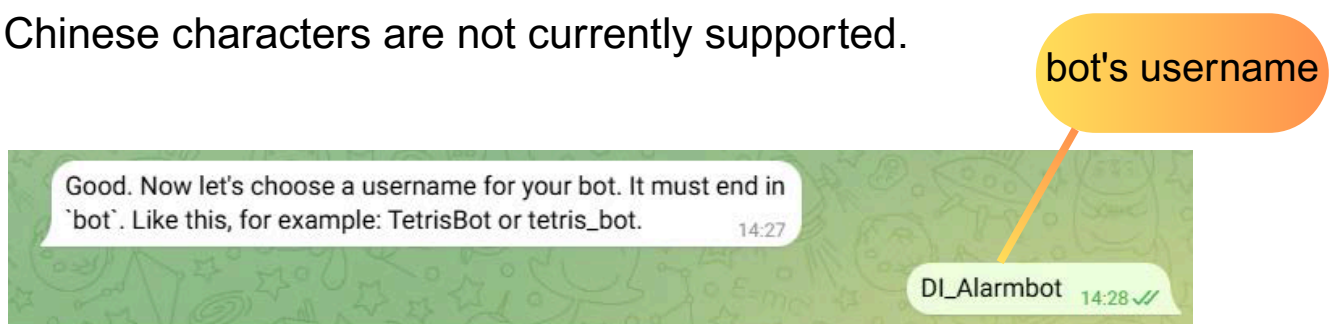
- ④ Please give the bot a name.
- ※ Chinese characters are not currently supported.



Then, you will see the following message:

Good. Now let's choose a username for your bot. It must end in `bot`. Like this, for example: TetrisBot or tetris_bot.

- ⑤ The name you choose will be your bot's display name. It must be unique and cannot be changed later.
- ※ Chinese characters are not currently supported.

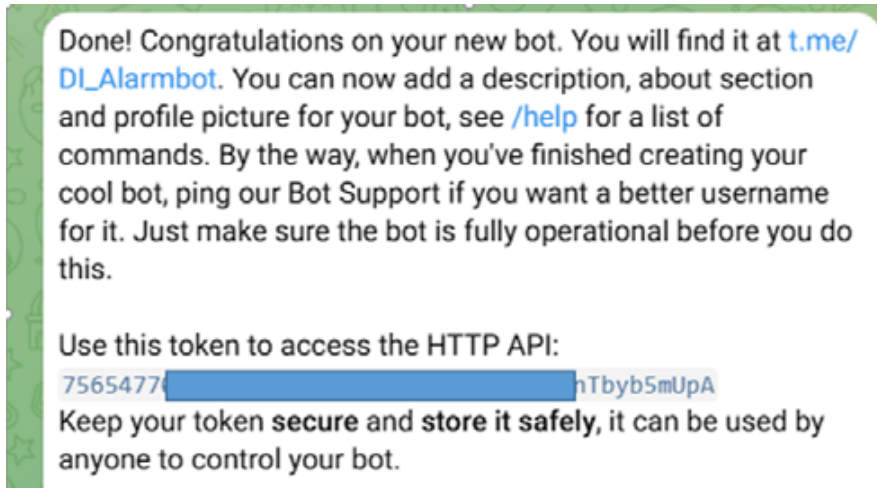




Done! Congratulations on your new bot.....

When you see the above message in the chat, your bot setup is completed.
※ Please make sure to save the token under "**HTTP API**". You will need it later when setting up the CM-AM23S module.

Warning: Make sure to keep your token secure and store it in a safe place. Anyone who obtains it will be able to fully control your bot.

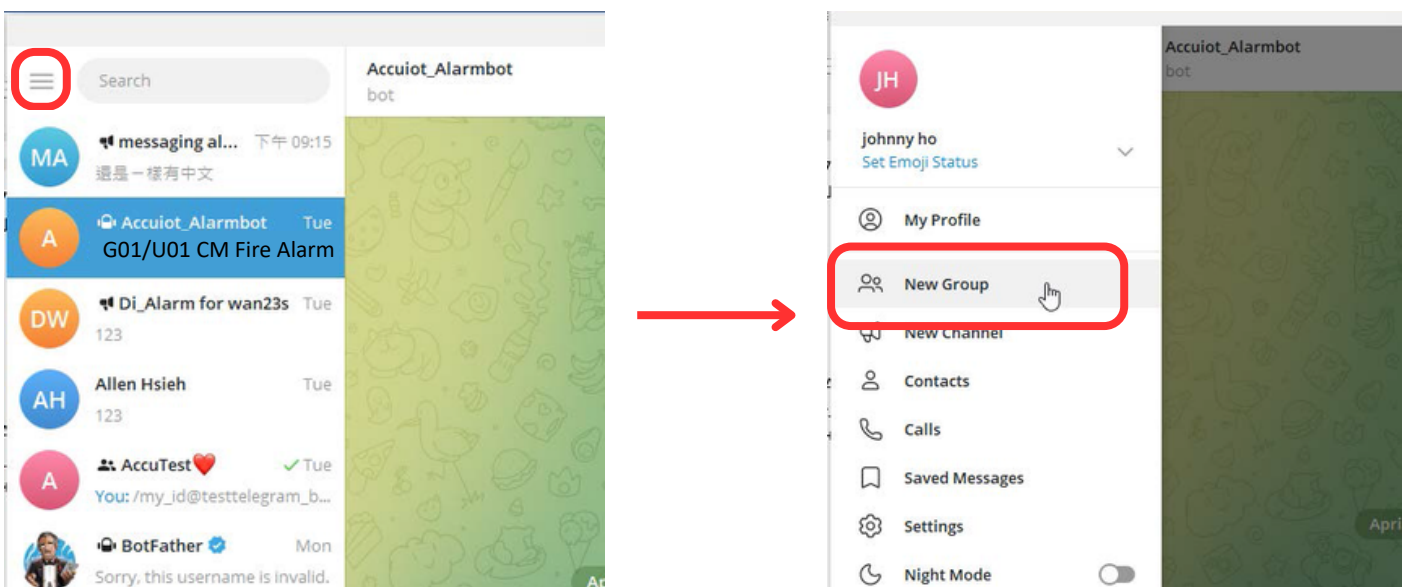


2. Create a group chat to receive push notifications

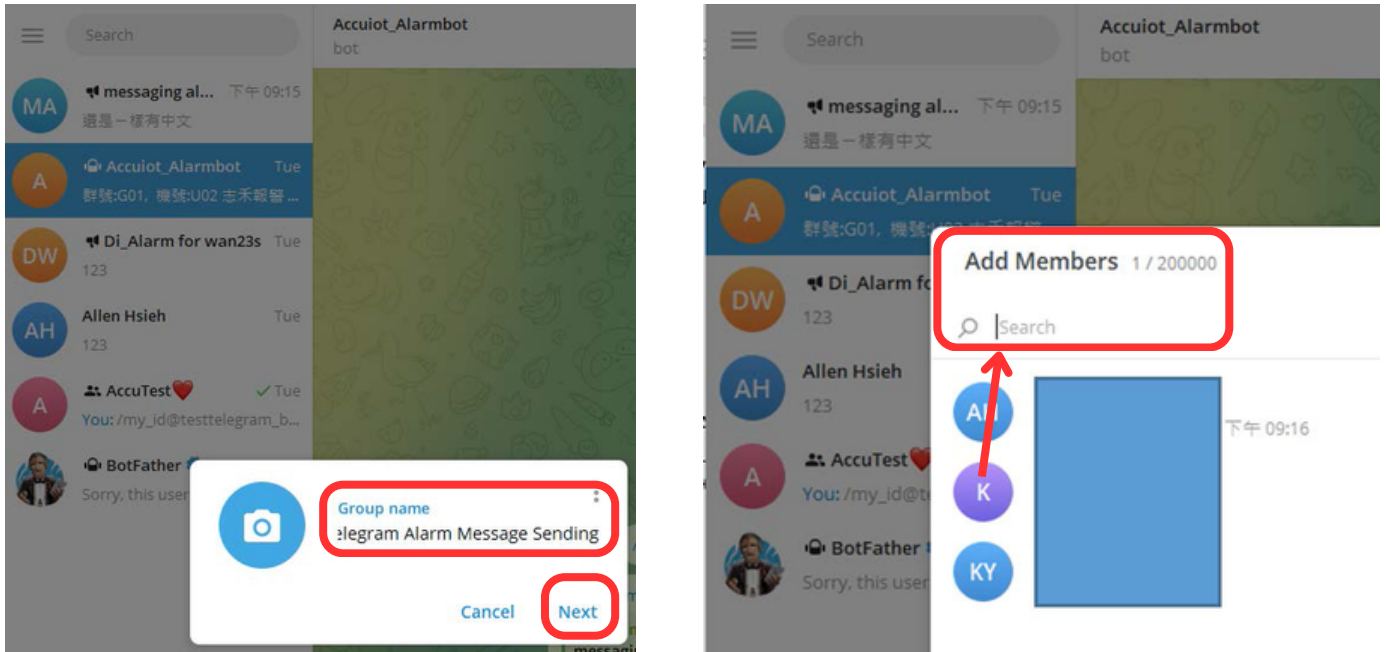
2-1. Desktop version

This group will be used to receive push notifications. After creating the group chat, you must add the bot to it to receive the push notifications from the CM-AM23S Smart Wireless App module.

① Please create a new group chat.

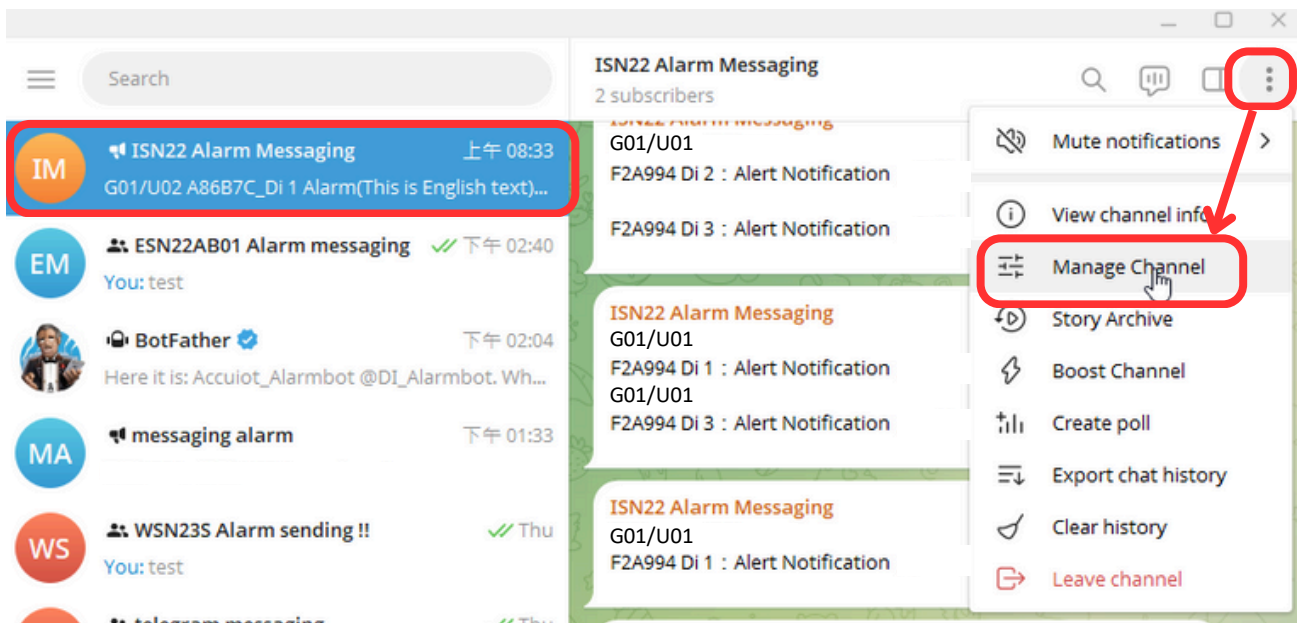


- ② Enter a name for the group chat.
- ③ Add user who wishes to receive push notifications to the group chat.

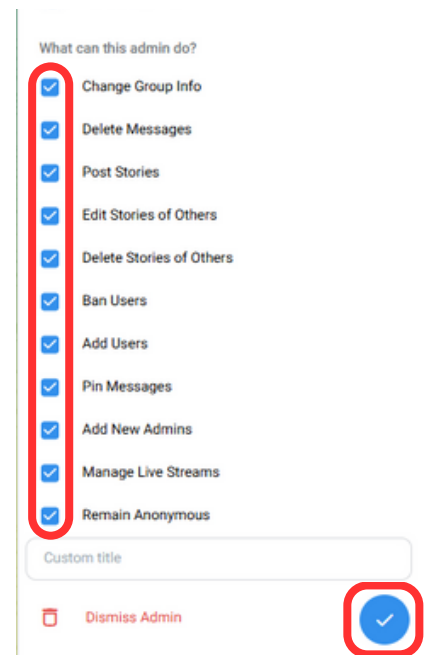
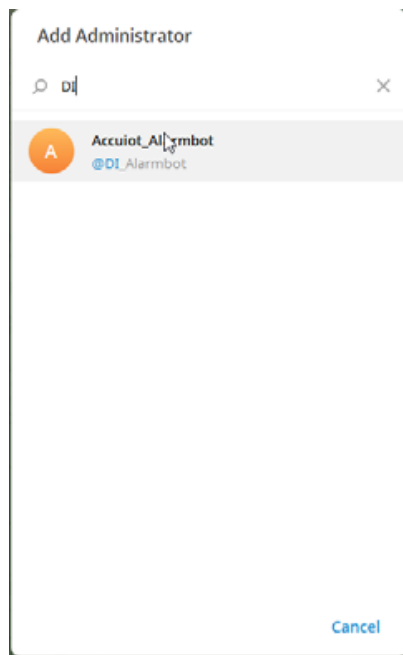
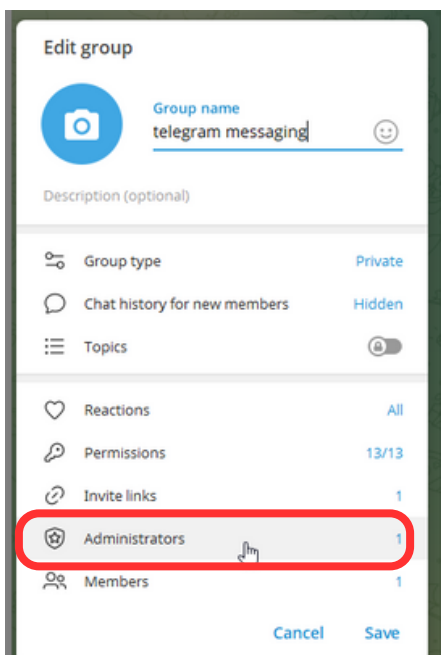


After the group is created, it will appear in your chat list.

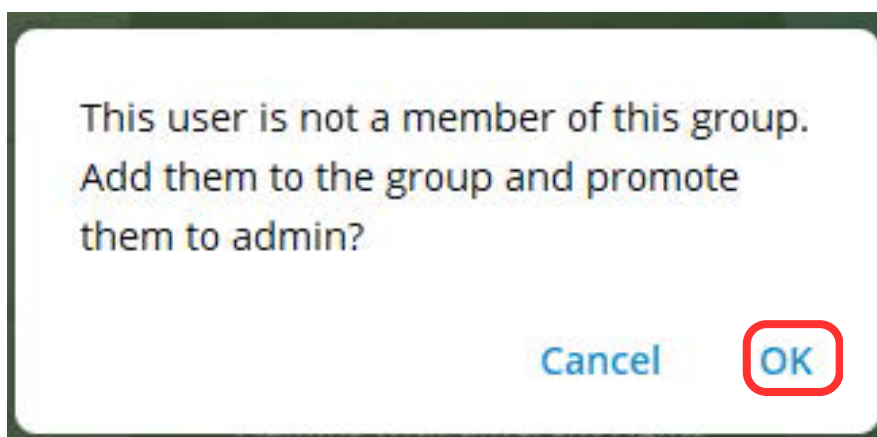
- ④ Select “Manage Channel.”



- ⑤ Go to “Administrators.”
- ⑥ Search for your bot and add it as an administrator.
- ⑦ Allow the bot all permissions so it can receive messages correctly.
- ⑧ Click “✓” to allow the bot all permissions.

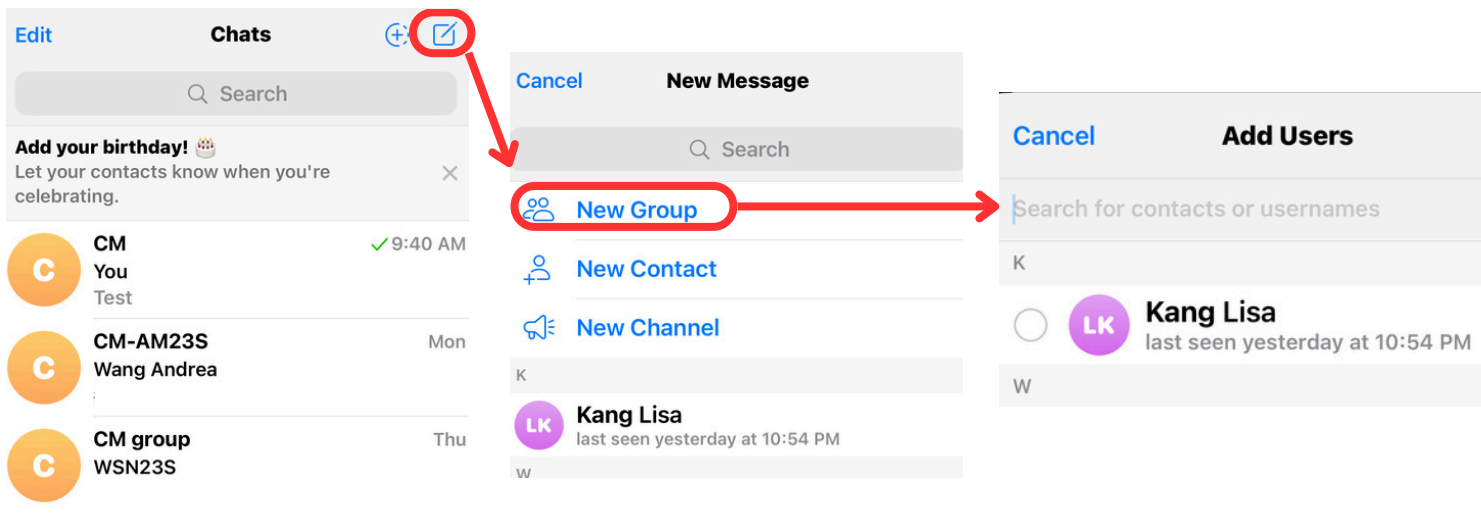


- ⑨ After confirming the bot's permissions, the message window will appear as shown below. Click “OK” to continue.

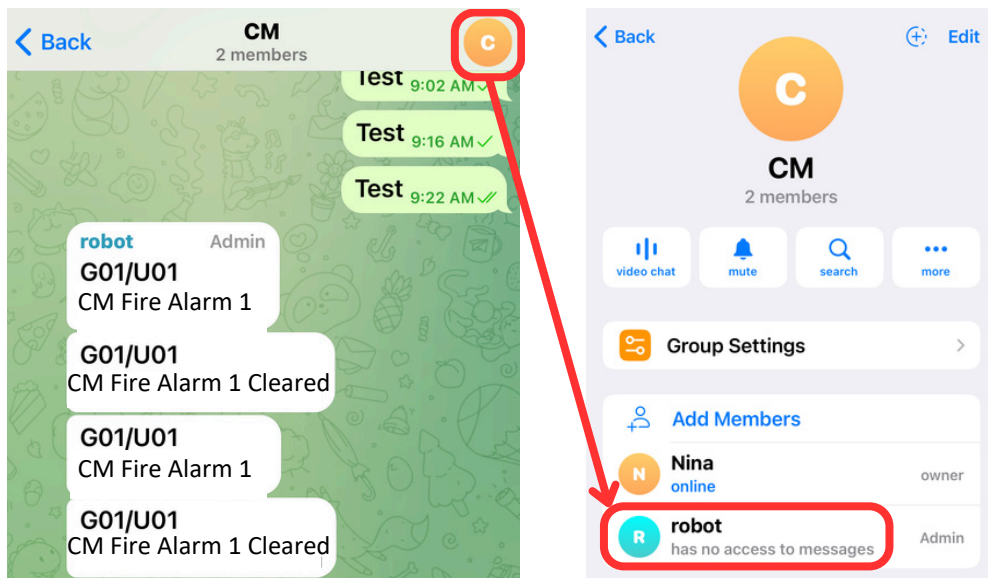


2-2. Smartphone version

- ① Please create a new group chat.
- ② Add your bot and anyone who wishes to receive push notifications to the group chat.

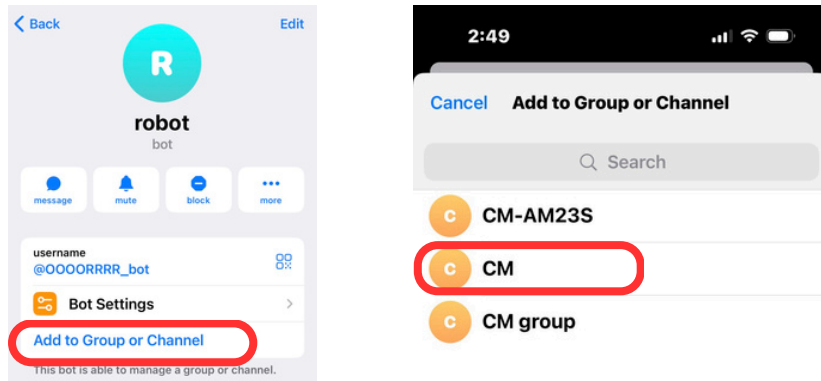


- ③ Click the group icon in the upper right corner.

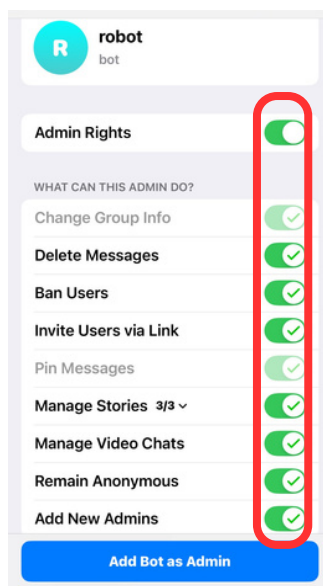




④ Set your bot as an administrator.



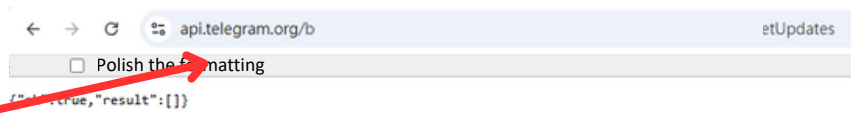
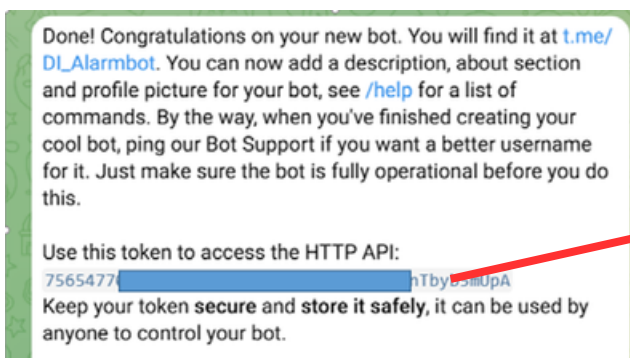
⑤ Allow the bot all permissions so it can receive messages correctly.



3. Search for **Chat ID**

① Enter <https://api.telegram.org/bot<Token>/getUpdates> on the web browser.

Copy your token from the chat with @BotFather.





② Send the message to the Telegram group chat , the website will receive it and produce Chat ID.



```
{
  "ok": true,
  "result": {
    "update_id": 194982390,
    "my_chat_member": {
      "chat": {
        "id": -4963960262,
        "title": "Jenny and WSN235",
        "type": "group",
        "all_members_are_administrators": true,
        "accepted_gift_types": {
          "unlimited_gifts": false,
          "limited_gifts": false,
          "unique_gifts": false,
          "premium_subscription": false
        },
        "from": {
          "id": 8180599422,
          "is_bot": false,
          "first_name": "Jenny",
          "last_name": "Chen",
          "date": 1752644884,
          "old_chat_member": {
            "user": {
              "id": 8022535345,
              "is_bot": true,
              "first_name": "WSN235",
              "username": "WSN235_bot",
              "status": "left",
              "new_chat_member": {
                "user": {
                  "id": 8022535345,
                  "is_bot": true,
                  "first_name": "WSN235",
                  "username": "WSN235_bot",
                  "status": "member"
                }
              },
              "update_id": 194982391,
              "message": {
                "message_id": 24,
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                  "id": 8180599422,
                  "is_bot": false,
                  "first_name": "Jenny",
                  "last_name": "Chen",
                  "chat": {
                    "id": -4963960262,
                    "title": "Jenny and WSN235",
                    "type": "group",
                    "all_members_are_administrators": true,
                    "accepted_gift_types": {
                      "unlimited_gifts": false,
                      "limited_gifts": false,
                      "unique_gifts": false,
                      "premium_subscription": false
                    },
                    "date": 1752644884,
                    "group_chat_created": true
                  },
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                    "chat": {
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                      "title": "Jenny and WSN235",
                      "type": "supergroup",
                      "from": {
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                        "is_bot": false,
                        "first_name": "Jenny",
                        "last_name": "Chen",
                        "date": 1752644924,
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                            "id": 8022535345,
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                            "first_name": "WSN235",
                            "username": "WSN235_bot",
                            "status": "left",
                            "new_chat_member": {
                              "user": {
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                                "is_bot": true,
                                "first_name": "WSN235",
                                "username": "WSN235_bot",
                                "status": "member"
                              }
                            },
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                              "from": {
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                                "is_bot": true,
                                "first_name": "Group",
                                "username": "GroupAnonymousBot",
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                                  "type": "supergroup",
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                                    "title": "Jenny and WSN235",
                                    "type": "supergroup",
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                                  },
                                  "update_id": 194982394,
                                }
                              }
                            }
                          }
                        }
                      }
                    }
                  }
                }
              }
            }
          }
        }
      }
    }
  }
}
```



```
"update_id": 798547323,
"my_chat_member": {
  "chat": {
    "id": -1002772482678,
    "title": "CM",
    "type": "supergroup"
  },
  "from": {
    "id": 7513103949,
    "is_bot": false,
    "first_name": "Nina"
  },
  "date": 1749540523,
  "old_chat_member": {
    "user": {
      "id": 7624560360,
      "is_bot": true,
      "first_name": "robot",

```

negative number is Chat ID

Your Group



Connecting CM-AM23S module with device

4. Connecting CM-AM23S module with laptop via Wi-Fi

① Switch the module to AP mode, then connect the power via USB-C or G/V+ contacts.



② Connect to the Wi-Fi of CM-AM23S.

When the green light flashes, the laptop can search for and connect to the module.

Remark: The Wi-Fi account on each module will be different.



Connecting CM-AM23S module with App

5. Setting up simultaneous alerts

① Enter the IP address **192.168.4.1** into your web browser to access the setup page for CM-AM23S.

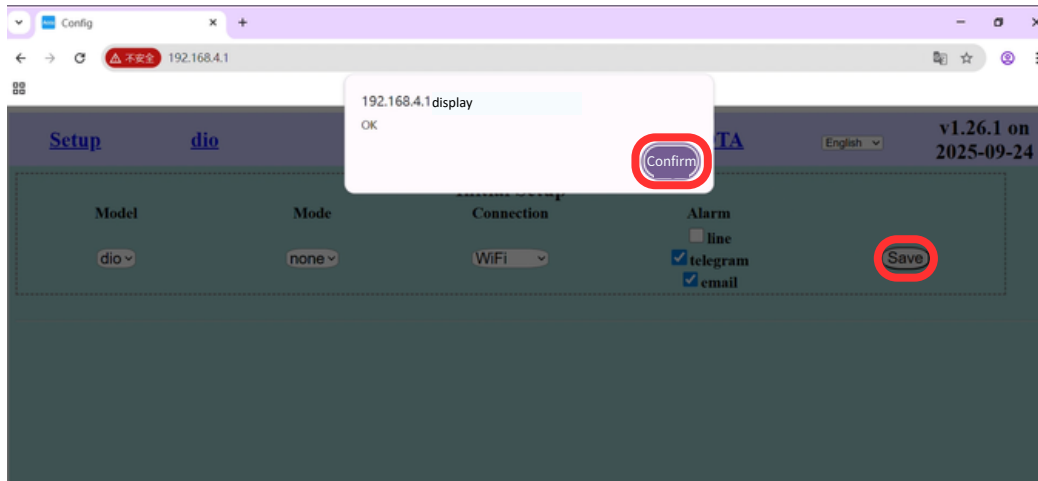
② Setup page

Step 1. Select Telegram and Email from the Alarm menu to let module can **simultaneously** transmit push notification.





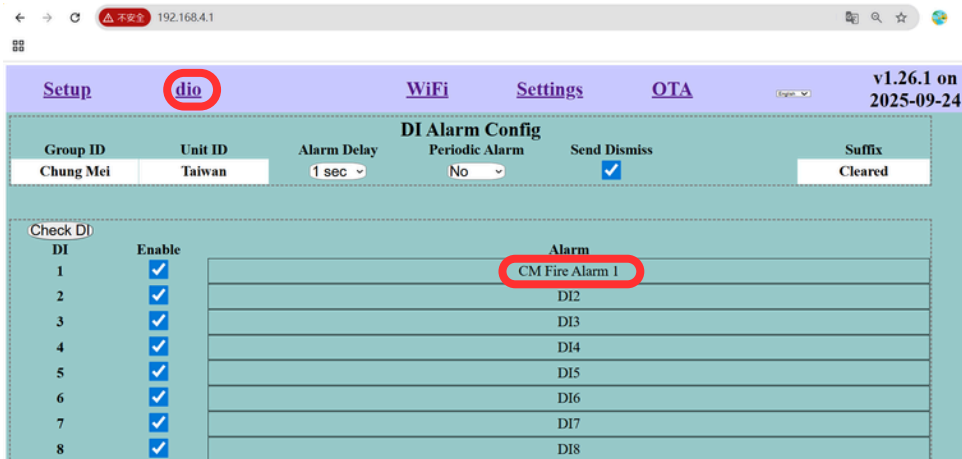
Step 2. Click save and confirm to save all the settings.



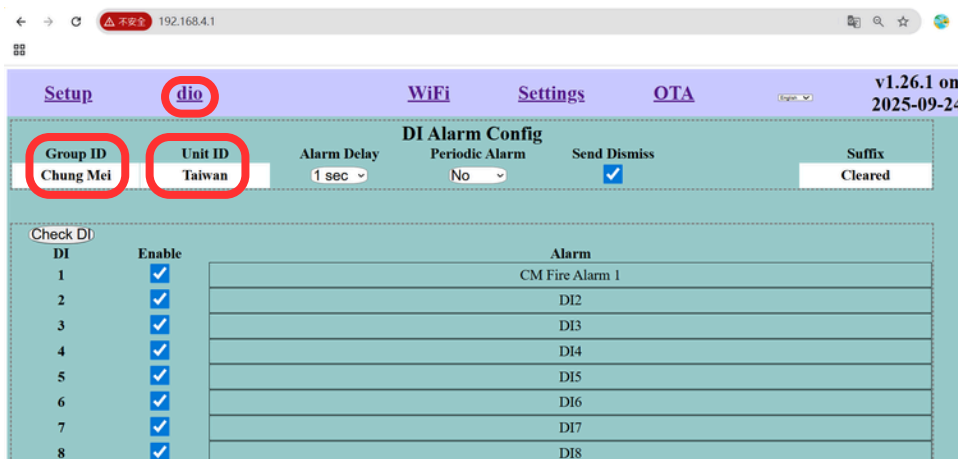
6. Custom push notifications name

① dio page:

step 1. Name the alarm push notification using any language or icons of your choice.

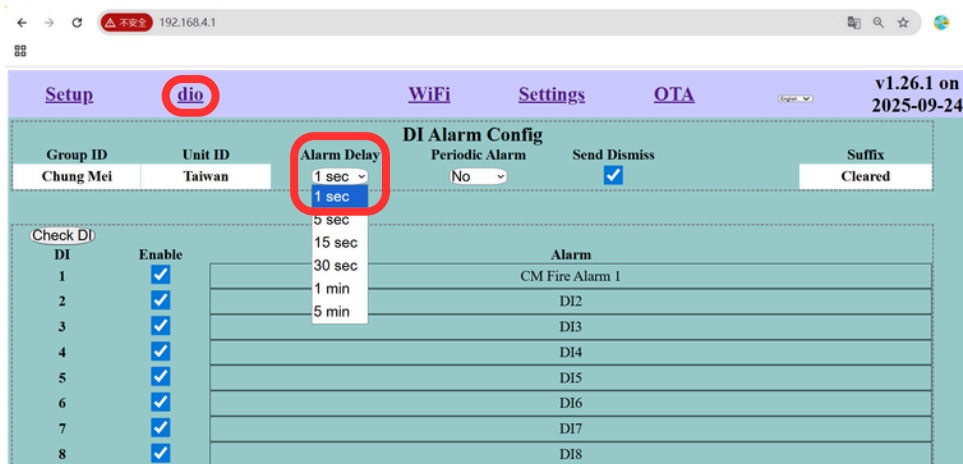


step 2. Set the Group ID and Unit ID to name your different projects.

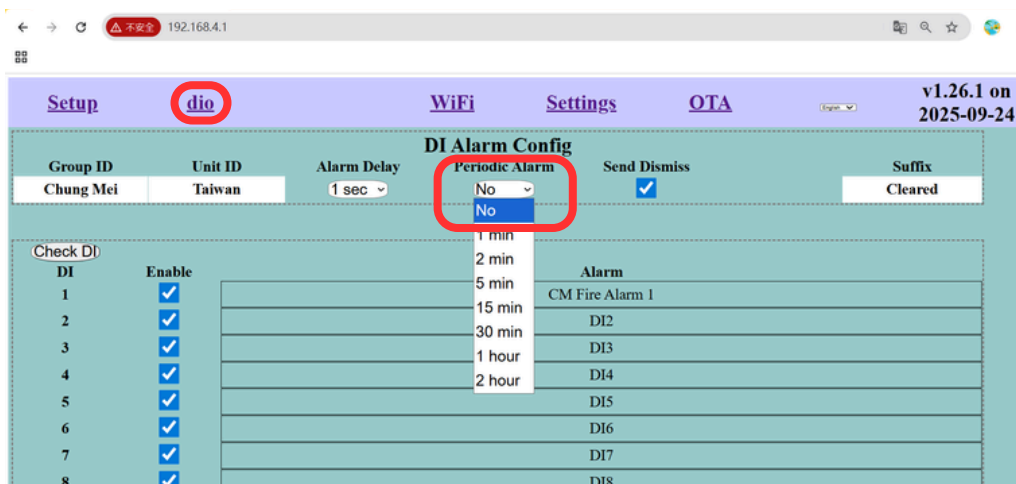




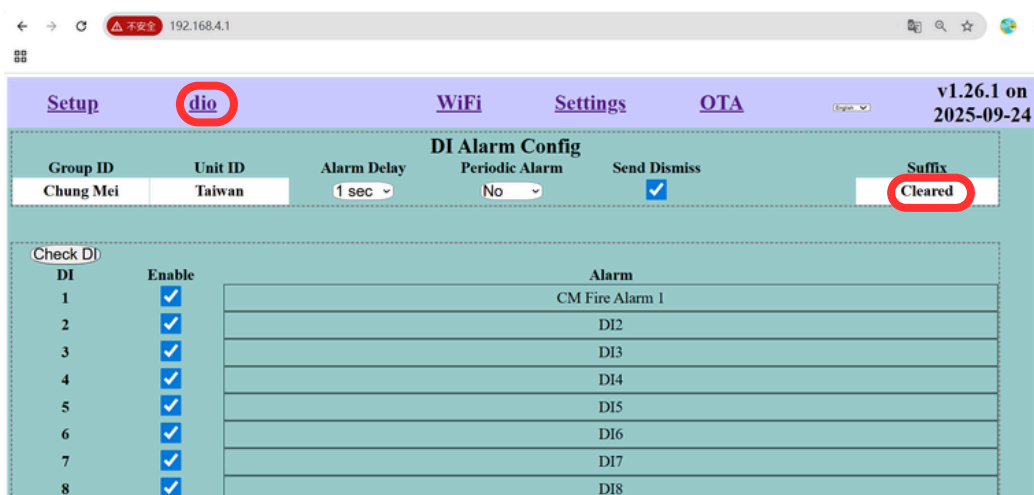
step 3. Set a delay time for receiving the push notifications if needed.



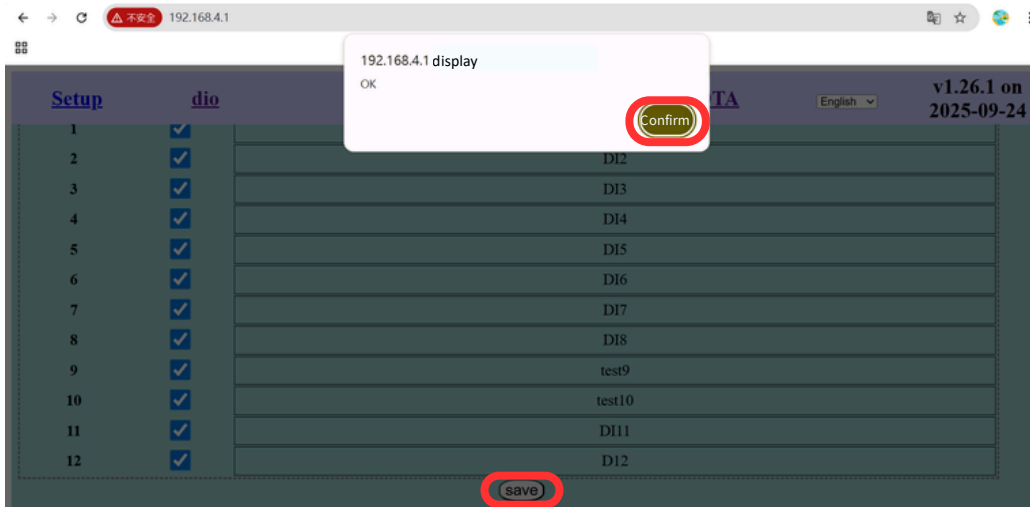
step 4. Set a periodic alarm and select the time if needed.



step 5. Set a suffix to be displayed in the push notification when the fire alarm is cleared.



step 6. Click save and confirm to save all the settings.



7. Multiple Wi-Fi network setup

① Wi-Fi page:

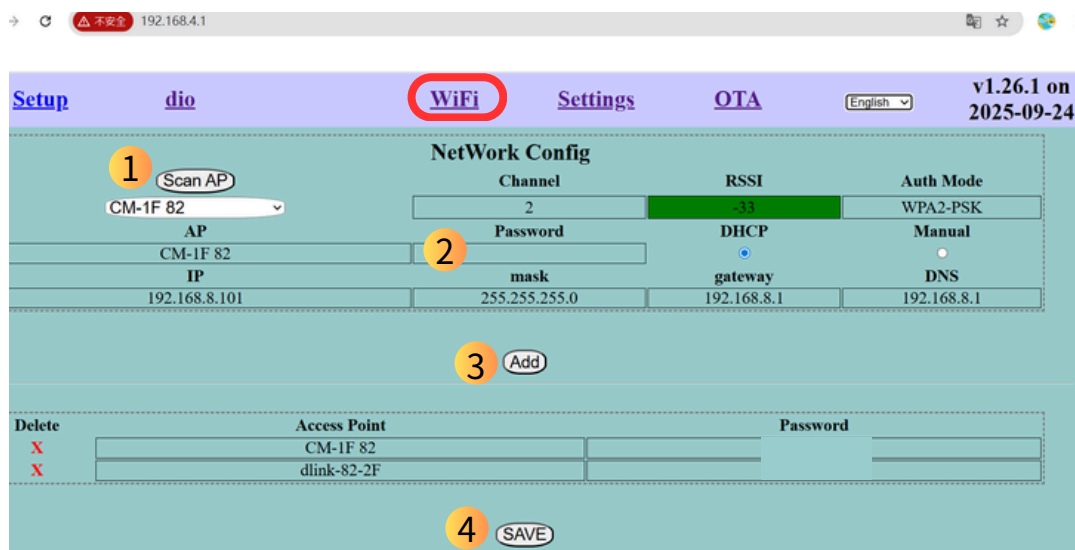
step 1. Scan AP to search for available Wi-Fi networks

step 2. Enter Wi-Fi password

step 3. Add Wi-Fi

step 4. Save

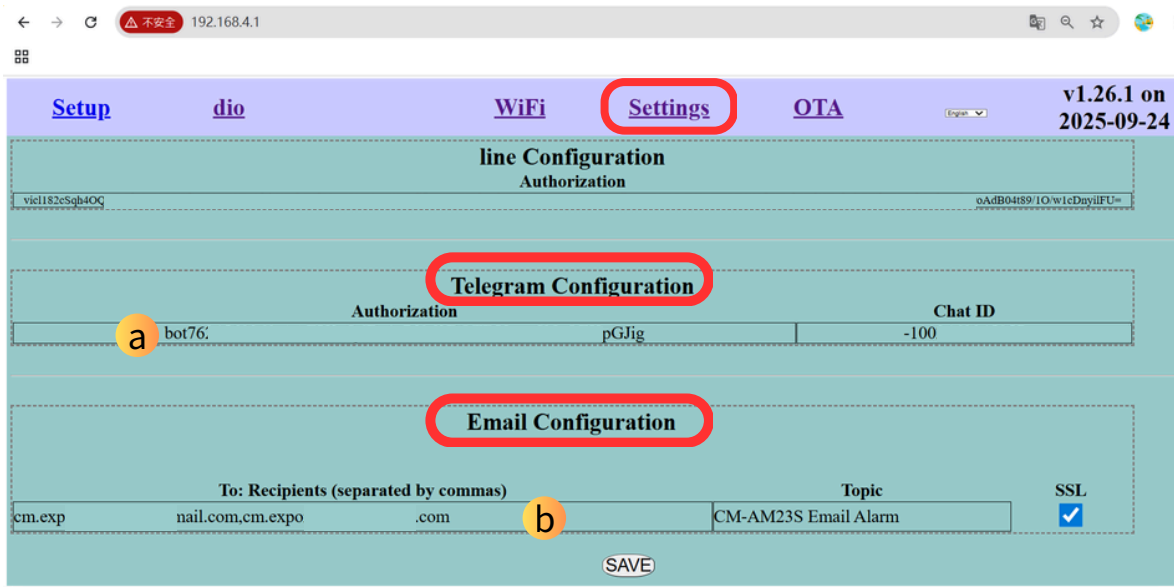
Remark: You can add multiple available Wi-Fi networks. The module will automatically switch between / among connected Wi-Fi networks to avoid signal loss.



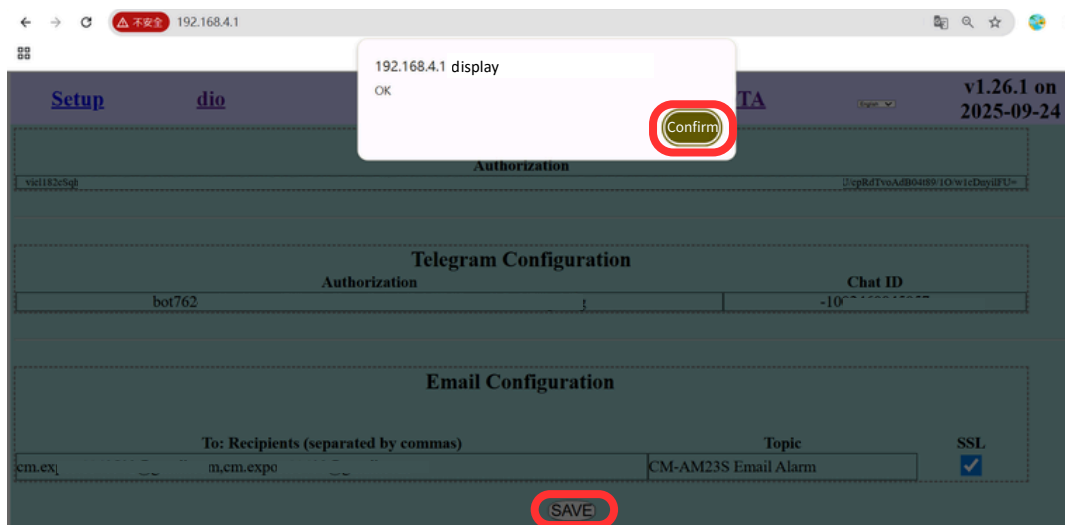
8. Enter account key to enable push notifications

- ① Settings page: Enter Telegram and Email configuration.
 - a. Telegram: Enter **token** and **Chat ID**.
 - b. Email: Enter your **Email** and **preferred Topic** (Subject).

Remark: If you want to connect more than one email address, please separate them with commas and do not leave any spaces.



- ② Click save and confirm to save all the settings.





③ Unplug the power first, switch to Run mode, and then plug the power back in.

When the green light turns on, it means the module is connected to telegram and email.



9. Receive the push notifications

① If a fire alarm occurs, you will receive a push notification.





② You will receive a push notification when the fire alarm is cleared.



Alarm <tcaccuservice@gmail.com>
to ▾

Chung Mei/Taiwan

CM Fire Alarm 1 Cleared