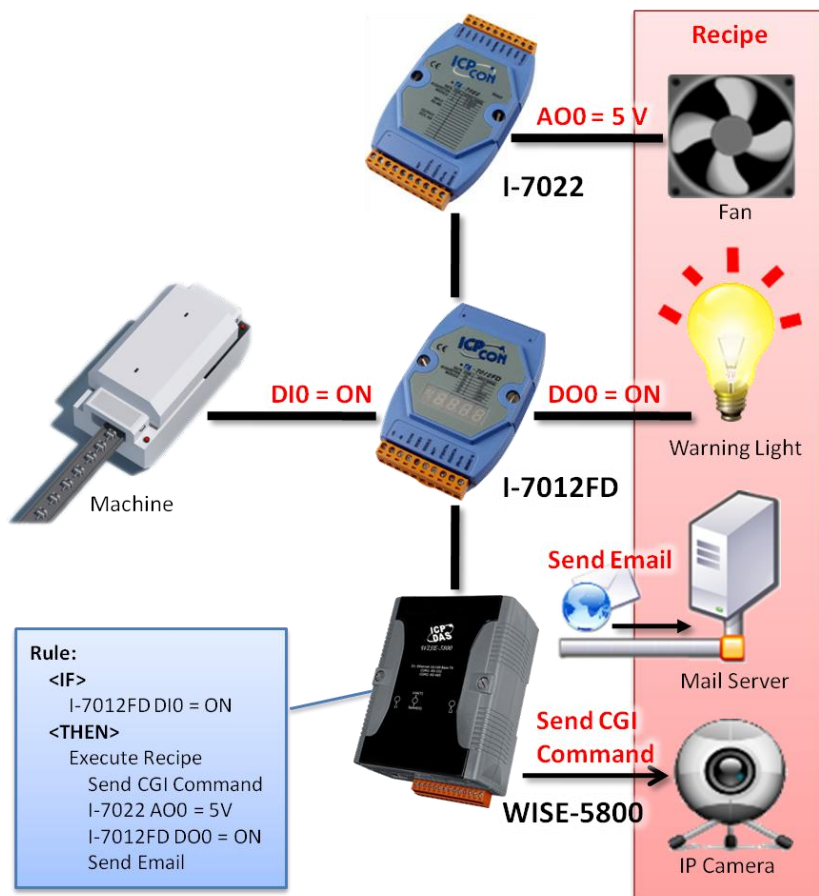


# WISE-580x Recipe Application Example



## ● Scenario :

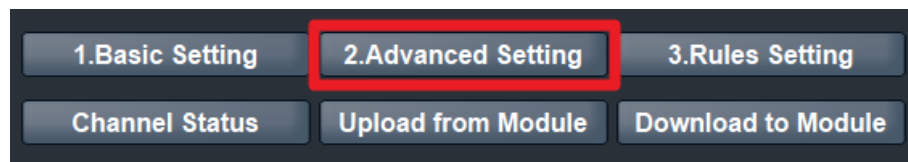
Assume in a devices monitoring system; a WISE-5800 controller is connected with an I-7012FD module and an I-7022 module; the device is connected to the DI channel 0 on the I-7012FD module so that the WISE controller can retrieve current device status in real time. The DO channel 0 is connected to a warning light, and the AO channel 0 on I-7022 module is connected to a fan. When the DI0 Channel on the WISE-5800 controller receives an ON message, it indicates a unusual event of the device has occurred, the WISE-5800 controller will send Email to inform related personnel, and at the same time, will turn on the warning lights and the fan, and start the IP Camera for real time recording to ensure immediate response to the emergency situations.



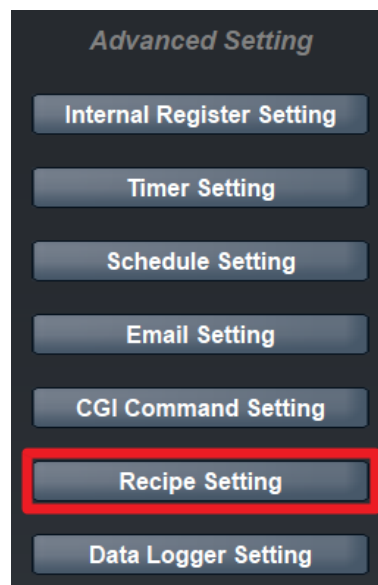
- **Steps :**

0. In this case, we will demo how to perform Recipe settings, the I/O module setting part will be skipped in this section. If you want to know more regarding I/O module settings, please go to WISE-580x AI Attribute section and WISE-580x AO Attribute section, step 1 to step 3 for more detailed information. In this case, the I-7012FD module is located at address 4 and the I-7022 module is located at address 15.

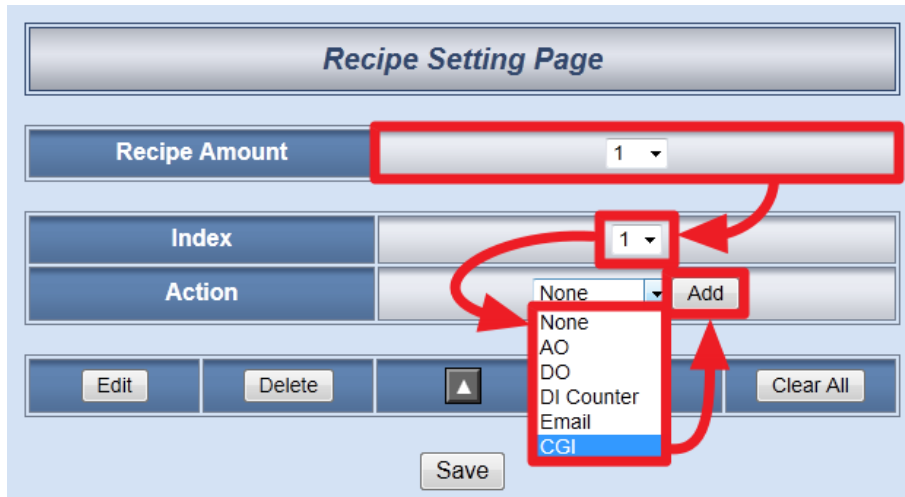
1. Open the WISE WEB page and get into the “2.Advanced Setting” page.



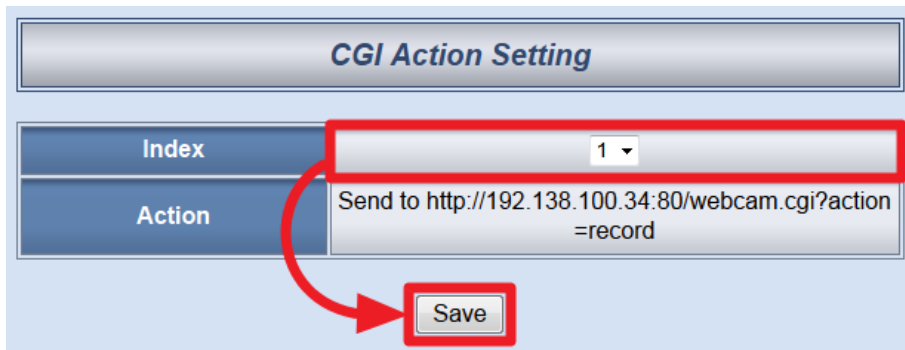
2. On the Advanced Setting page; please complete the CGI Command Setting and Email Setting (please refer to the user manual or WISE-580x CGI Command Example and Email Example for detailed information), and then click on “Recipe Setting” to get into the setting page.



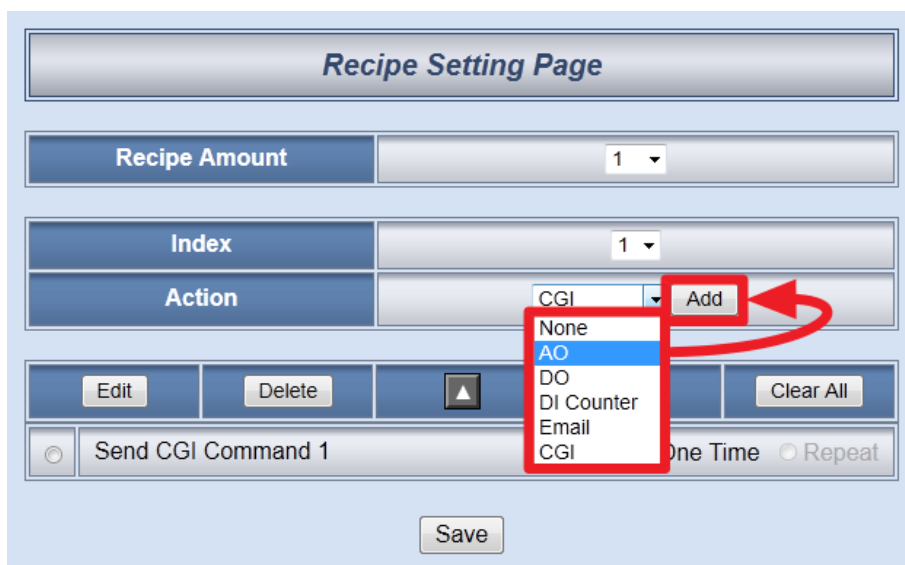
3. On the “Recipe Setting”(on the right side), in the “Recipe Amount” field, select “1” from the dropdown list. In the “Index” field, select “1” and in the “Action” field, select “CGI”. And then click the “Add” button.



4. On the “CGI Action Setting” page, in the “Index” field, select “1” and click “Save” button to save the settings and return to Recipe Setting Page.



5. In the “Action” field, select “AO” from the dropdown list and then click “Add” button.



6. In the “Module & Channel” section, select “15:I-7022” and channel “0” from the dropdown list. In the “Operator” field, select “=” and in the “Value” section, select “Assign Value as” and assign the value as “5”. Click “Save” button to save the settings and return to Recipe Setting Page.

| Module & Channel | Operator | Value                |
|------------------|----------|----------------------|
| 15:I-7022 Ch. 0  | =        | Assign Value as<br>5 |

Save

7. In the “Action” field, select “DO” from the dropdown list and then click “Add” button.

Recipe Amount: 1

Index: 1

Action: AO Add

- None
- AO
- DO
- DI Counter
- Email
- CGI

Edit Delete Clear All

Send CGI Command 1 One Time Repeat

15:I-7022 AO0 = 5 V One Time Repeat

Save

8. In the “Module & Channel” section, select “4:I-7012” and channel “0” from the dropdown list. In the “Channel Value” field, select “ON” from the dropdown list. Click “Save” button to save the settings and return to Recipe Setting Page.

**DO Action Setting**

Module & Channel: 4:I-7012 Channel 0

Channel Value: ON

Save

9. In the “Action” field, select “Email” from the dropdown list and then click “Add” button.

**Recipe Setting Page**

Recipe Amount: 1

Index: 1

Action: DO Add

None  
AO  
DO  
DI Counter  
Email  
CGI

| Edit                  | Delete              | ▲                                | Clear All                             |
|-----------------------|---------------------|----------------------------------|---------------------------------------|
| <input type="radio"/> | Send CGI Command 1  | <input type="radio"/>            | One Time <input type="radio"/> Repeat |
| <input type="radio"/> | 15:I-7022 AO0 = 5 V | <input checked="" type="radio"/> | One Time <input type="radio"/> Repeat |
| <input type="radio"/> | 4:I-7012 DO0 = ON   | <input checked="" type="radio"/> | One Time <input type="radio"/> Repeat |

Save

10. In the “Index” field, select “1” from the dropdown list, and then click “Save” button to save the settings and return to Recipe Setting Page.

**Email Action Setting**

Index 1 ▾

| Email Information          |                                      |
|----------------------------|--------------------------------------|
| 1st Receiver Email Address | service@icpdas.com                   |
| 2nd Receiver Email Address |                                      |
| 3rd Receiver Email Address |                                      |
| 4th Receiver Email Address |                                      |
| 5th Receiver Email Address |                                      |
| Subject                    | Device Monitoring                    |
| Content                    | The temperature of device is \$m4ai0 |

Save

11. Make sure all Recipe settings are accurate, click “Save” button to save the settings.

**Recipe Setting Page**

Recipe Amount 1 ▾

Index 1 ▾

Action Email ▾ Add

Edit Delete ▲ ▼ Clear All

|                       |                     |  |
|-----------------------|---------------------|--|
| <input type="radio"/> | Send CGI Command 1  | <input checked="" type="radio"/> One Time <input type="radio"/> Repeat |
| <input type="radio"/> | 15:I-7022 AO0 = 5 V | <input checked="" type="radio"/> One Time <input type="radio"/> Repeat |
| <input type="radio"/> | 4:I-7012 DO0 = ON   | <input checked="" type="radio"/> One Time <input type="radio"/> Repeat |
| <input type="radio"/> | Send Email 1        | <input checked="" type="radio"/> One Time <input type="radio"/> Repeat |

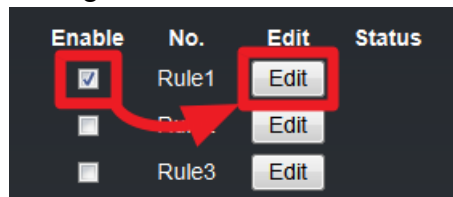
Save

12. Click on “3.Rules Setting” page to get into the Rule Setting WEB page.

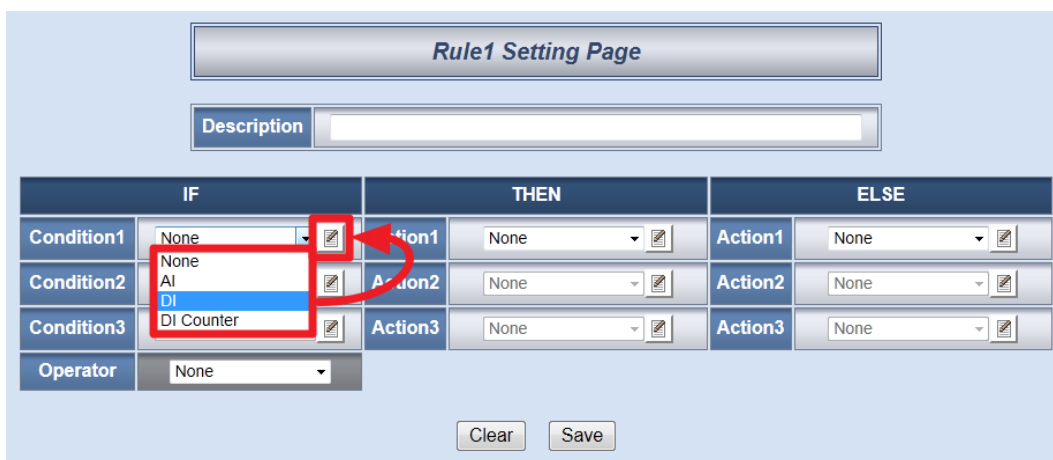
1.Basic Setting
2.Advanced Setting
3.Rules Setting

Channel Status
Upload from Module
Download to Module

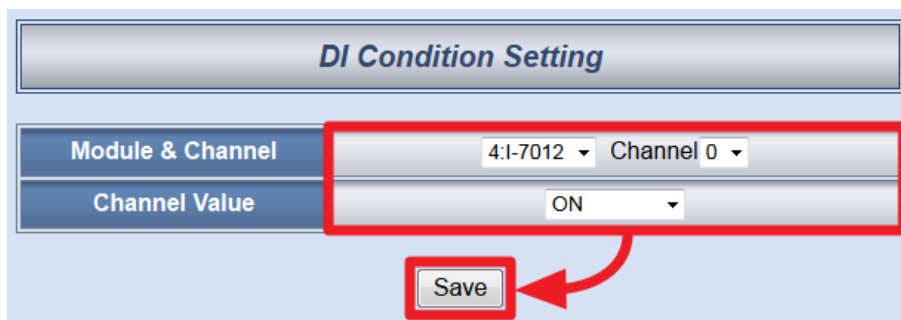
13. Check the “Rule 1” checkbox to enable “Rule 1”, then click “Rule 1” “Edit” button for “Rule 1” editing.



14. On the “Rule1 Setting Page”(on the right side), select “DI” as IF Condition for “Condition 1”, and then click on the right side button to get into “DI Condition Setting” page.



15. In the “Module & Channel” section, select “4:I-7012” and channel “0” from the dropdown list. In the “Channel Value” section, select “ON” from the dropdown list. Click “Save” button to save the settings and return to Rule 1 Setting Page.



16. In the “THEN” section, in the “Action1” field, select “Recipe” from the dropdown list; click the button next to the “Action 1” field as indicated to get into the “Recipe Action Setting” page.

**Rule1 Setting Page**

Description

|            | IF   |         | THEN |         | ELSE |
|------------|------|---------|------|---------|------|
| Condition1 | DI   | Action1 | None | Action1 | None |
| Condition2 | None | Action2 | None | Action2 | None |
| Condition3 | None | Action3 | None | Action3 | None |
| Operator   | None |         |      |         |      |

Clear Save

17. In the "Index" field, select "1" from the dropdown list. Click "Save" button to save the settings and get back to the "Rule 1 Setting Page".

**Recipe Action Setting**

Index

Action Execute Recipe

Save

18. Make sure all Rule 1 settings are accurate, click "Save" button to save the settings.

**Rule1 Setting Page**

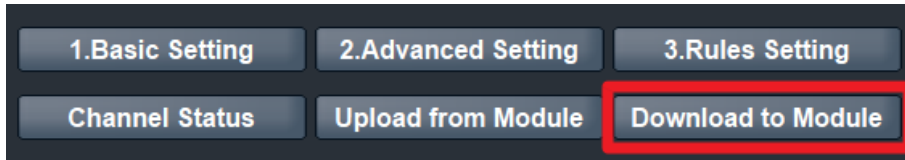
Description

|            | IF   |         | THEN   |         | ELSE |
|------------|------|---------|--|---------|------|
| Condition1 | DI   | Action1 | Recipe<br><input checked="" type="radio"/> One Time <input type="radio"/> Repeat | Action1 | None |
| Condition2 | None | Action2 | None   | Action2 | None |
| Condition3 | None | Action3 | None   | Action3 | None |
| Operator   | None |         |  |         |      |

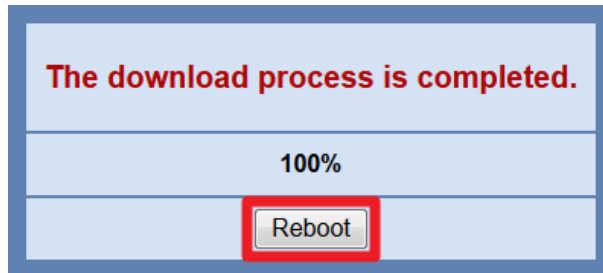
Clear Save

19. After finish the rule editing, click the "Download to Module" button and input the password.





20. After the download process is completed, click "Reboot" button to make the new updated settings take effect.



- **Rule Overview :**

