

WISE-580x AO Attribute Application Example



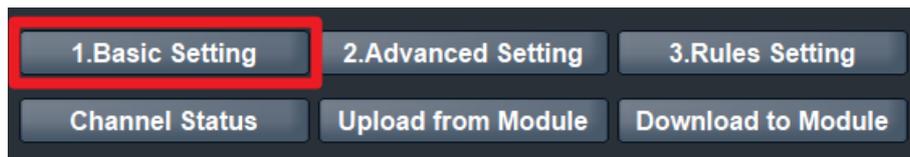
● Scenario :

Assume a fan is connected to the AO channel 0 on an I-7022 Module, and the I-7022 Module is connected to a WISE-5800 controller, 10 seconds later after start the controller, it will automatically output 5V to the fan via AO channel 0 to get the fan run.

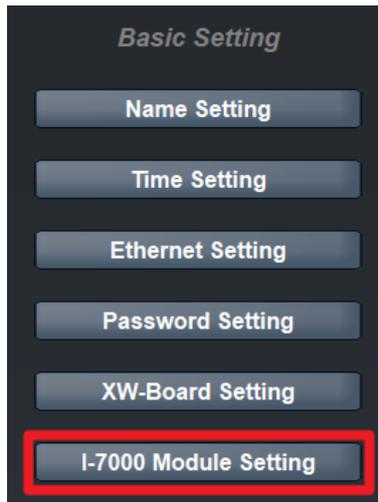


● Steps :

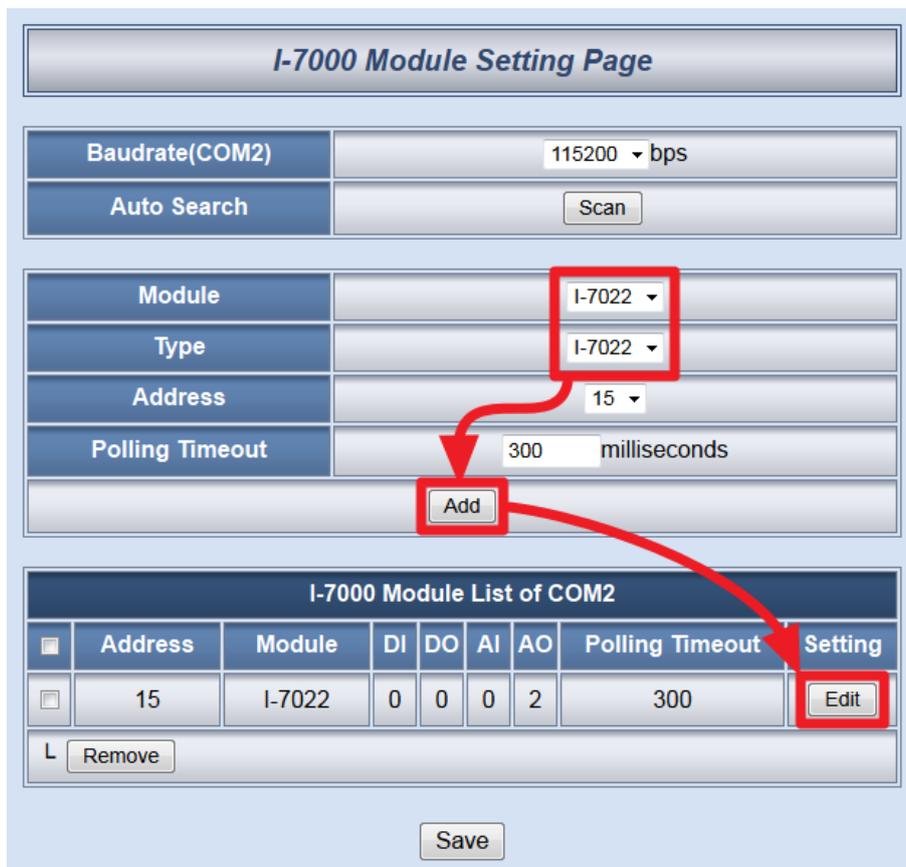
1. Open the WISE WEB page, and get into the Basic Setting.



2. After getting into the Basic Setting page, click "I-7000 Module Setting" to get in the setting page.



3. On the "I-7000 Module Setting Page", add I-7022 module to the list (in this case, the I-7022 locates at address 15). Click on the "Edit" button on the module list as indicated to edit the settings (for detailed module settings information, please refer to the user manual).



- On the “I-7022 Module Setting” page, in the “AO Attribute” section, in the “Ch.0” section, select “Type” to be “0 V ~ 10 V”. Click “Save” button to save the settings and return to “I-7000 Module Setting Page”.

I-7022 Module Setting

Address	15
Polling Timeout	300 milliseconds

AO Attribute

Channel	Ch.0	Ch.1
Nickname		
Type	0 V ~ 10 V	0 ~ 20 mA

Save

- Click “Save” button to save the module settings.

I-7000 Module Setting Page

Baudrate(COM2)	115200 bps
Auto Search	Scan

Module	I-7022
Type	I-7022
Address	1
Polling Timeout	300 milliseconds

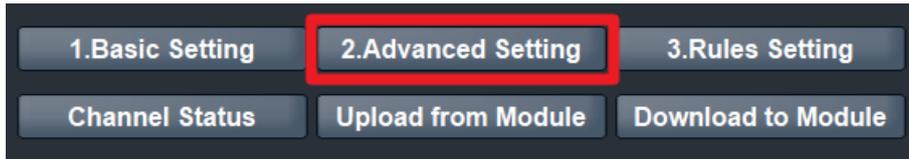
Add

I-7000 Module List of COM2								
	Address	Module	DI	DO	AI	AO	Polling Timeout	Setting
<input type="checkbox"/>	15	I-7022	0	0	0	2	300	Edit

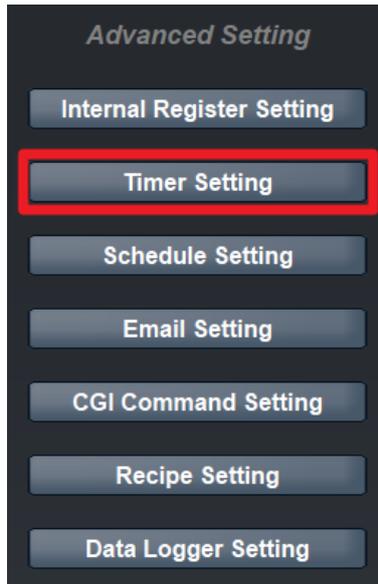
L Remove

Save

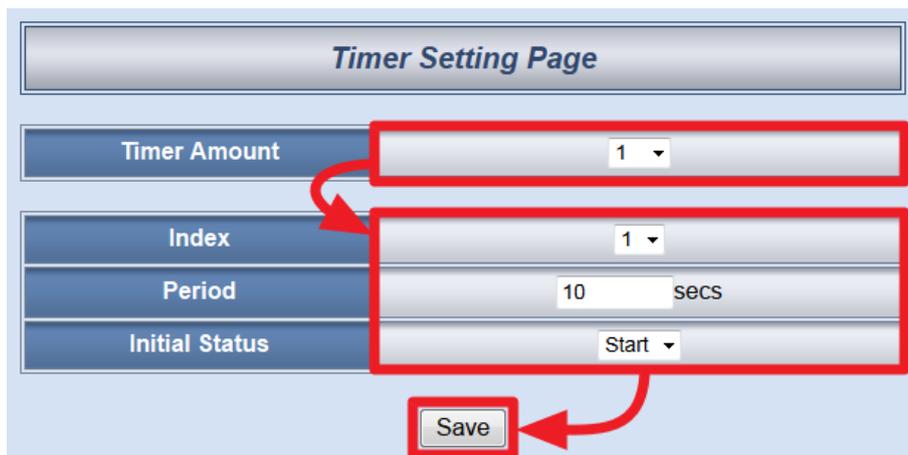
- Click on “2.Advanced Setting” to get into the setting page.



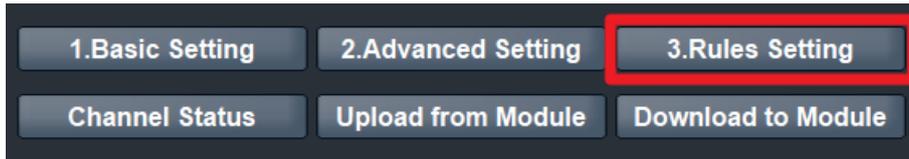
7. On the “Advanced Setting” page, click “Timer Setting” to get into the Timer Setting page.



8. On the “Time Setting Page” (on the right side), in the “Timer Amount” field, select “1” from the dropdown list. In the “Index” field, select “1” and in the “Period” field, input “10” and in the “Initial Status”, select “Start” from the dropdown list. And then click the “Save” button.



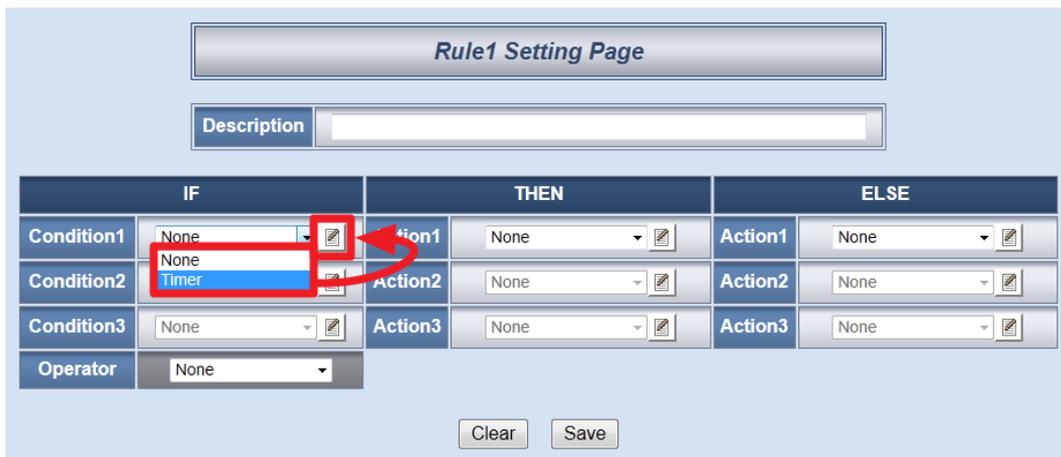
9. Click on “3. Rules Setting” page to get into the Rule Setting page.



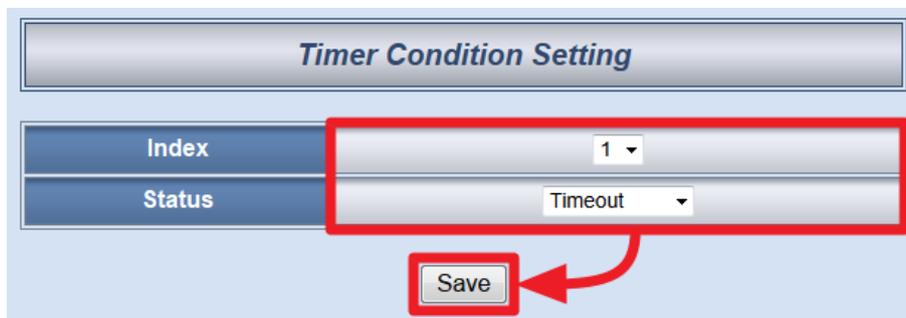
10. Check the “Rule 1” checkbox to enable “Rule 1”, then click “Rule 1” “Edit” button for “Rule 1” editing.



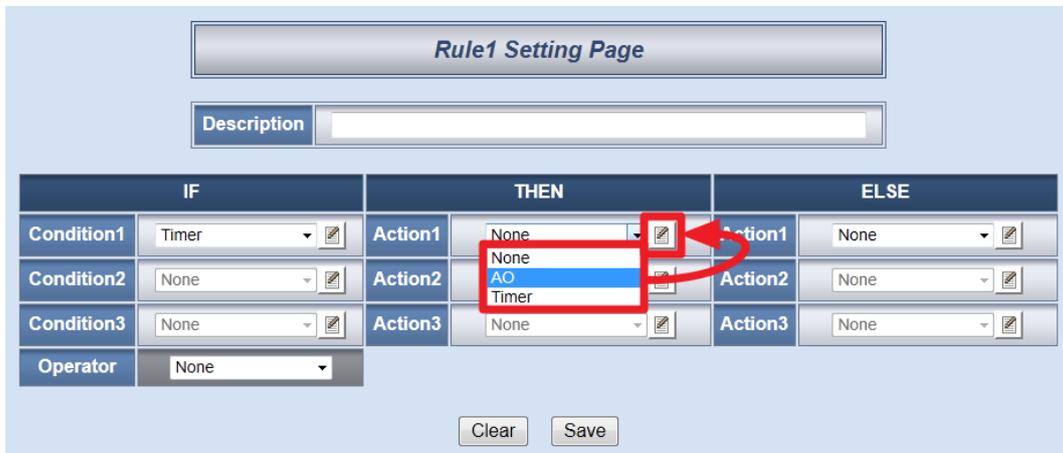
11. On the “Rule1 Setting Page”(on the right side), select “Timer” as IF Condition for “Rule 1”, and then click on the right side button to edit detailed information.



12. On the “Timer Condition Setting” page, in the “Index” field, select “1” and in the “Status” field, select “Timeout” from the dropdown list. Click “Save” button to save the settings and get back to the Rule 1 Setting Page.



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

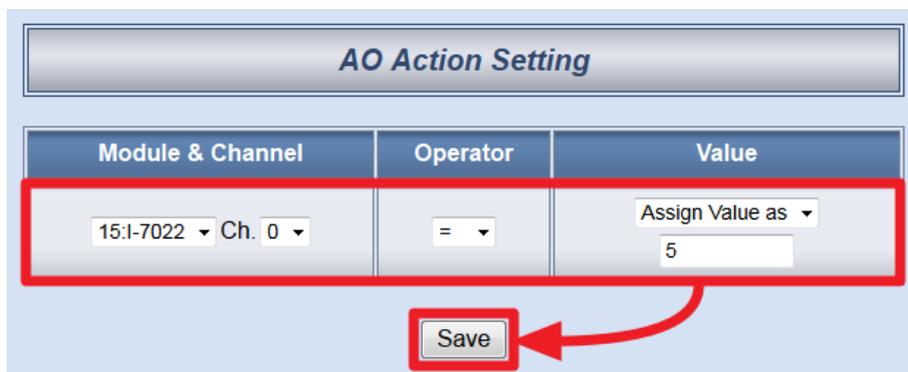


The screenshot shows the "Rule1 Setting Page" with a "Description" field and a table with three columns: IF, THEN, and ELSE. The table has four rows: Condition1, Condition2, Condition3, and Operator. The THEN section has three rows: Action1, Action2, and Action3. The Action1 dropdown is open, showing "None", "AO", and "Timer". A red box highlights the "AO" option, and a red arrow points to the button next to the Action1 field.

	IF	THEN	ELSE
Condition1	Timer	Action1: None	Action1: None
Condition2	None	Action2: AO	Action2: None
Condition3	None	Action3: None	Action3: None
Operator	None		

Buttons: Clear, Save

14. 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” from the dropdown list and assign the value as “5”. Click “Save” button to save the settings and return to Rule 1 Setting Page.



The screenshot shows the "AO Action Setting" page with three fields: Module & Channel, Operator, and Value. The Module & Channel field is set to "15:I-7022" and "Ch. 0". The Operator field is set to "=". The Value field is set to "Assign Value as" with "5" entered. A red box highlights the entire form, and a red arrow points to the "Save" button.

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

Button: Save

15. Make sure all Rule 1 settings are accurate, click “Save” button to save the changes.

Rule1 Setting Page

Description:

	IF		THEN		ELSE
Condition1	Timer	Action1	AO <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				

16. After finish the rule editing, click the “Download to Module” button and input the password.

1.Basic Setting	2.Advanced Setting	3.Rules Setting
Channel Status	Upload from Module	Download to Module

17. After the download process is completed, click “Reboot” button to make the new updated settings take effect.

The download process is completed.

100%

● **Rule Overview :**

Rule Overview

Rule1(Enable)
 Description:
 < IF >
 Timer 1 Timeout
 < THEN >
 15:I-7022 AO0 = 5 V (One Time)