

WISE-5801 SMS Application Example



● Scenario :

The following scenario assume using WISE-5801 controller in a greenhouse environment monitoring application. The WISE-5801 is connected to an I-7019R and an I-7061D remote I/O modules. The AI channel 0 on I-7019R will read the room temperature and the DO channel 0 and 1 on I-7061D are connected separately to the air conditioning equipment and sprinkler. The DO channel 2 on I-7061D is connected to the lighting system to prolong the sun exposure. When the room temperature is higher than 40°C, the WISE-5801 will send a SMS message with the real-time temperature value to the operator. The operator could turn on/off the air conditioner and sprinkler via SMS command. In addition, the operator could also review the number of time the air conditioner and sprinkler being turned on and control the lighting in real-time.



- **SMS Alarm and Command in the Scenario :**

1. When the room temperature of the greenhouse exceeds the limit, WISE-5801 will send a SMS alarm to the operator as follow:

Attention! The current temperature of the greenhouse is 40.12

According to the value received, the operator can decide if the air conditioner and the sprinkler should be turned on or not. If the operator decide to turn on the air conditioner and the sprinkler, the operator could send back a SMS command to the WISE-5801 like this:

ACT:1/1 (or using SMS Quick command “**on**”)

After the WISE-5801 receives the SMS command, it will return a SMS message as follow to the operator:

SMS Command 1 set as 1

To turn off the air conditioner and the sprinkler, the operator could send back a SMS command to the WISE-5801 like this

ACT:1/0 (or using SMS Quick command “**off**”)

After the WISE-5801 receives the command, it will return a SMS message as follow to the operator:

SMS Command 1 set as 0

2. To query the numbers that the air conditioner and the sprinkler have been turned on, the operator could send a SMS command to the WISE-5801 as follow:

GET:\$ir1 (or using SMS Quick command “**counter**”)

After the WISE-5801 receives the command, it will return a SMS message as follow to the operator:

GET 2.00

3. During the night time, the operator could send a command to the WISE-5801 as follow to turn on the lighting of the room.

SET:\$m2do2/1 (or using SMS Quick command “**light/1**”)

After the WISE-5801 receives the command, it will return a SMS message as follow to the operator:

SET I-7061(2) DO Channel 2 as ON

The operator could send a SMS command to WISE-5801 as follow to turn off the lighting of the room.

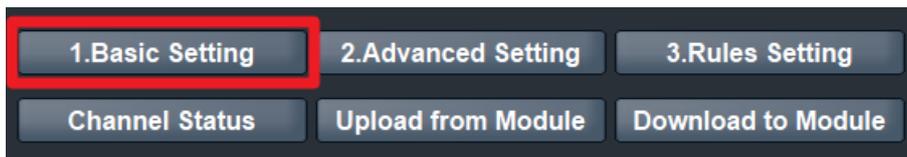
SET:\$m2do2/0 (or using SMS Quick command **"light/0"**)

After the WISE-5801 receives the command, it will return a SMS message as follow to the operator:

SET I-7061(2) DO Channel 2 as OFF

● **Steps :**

1. Open the WISE WEB page, click on "1. Basic Setting" to get into the "Basic Setting" page.



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



3. On the “I-7000 Module Setting Page”, set the Baudrate to “115200”, and add I-7019R module to the list (in this case, the I-7019R locates at address 1). Click on the “Setting” button on the module list as indicated to edit the settings (for detailed module settings information, please refer to the user manual).

The screenshot shows the "I-7000 Module Setting Page" with the following configuration:

- Baudrate(COM2):** 115200 bps
- Checksum:** Enable Disable
- Auto Search:** Scan button
- Module:** I-7019
- Type:** I-7019R
- Address:** 1
- Polling Timeout:** 300 milliseconds
- Add:** Add button

The "I-7000 Module List of COM2" table is shown below:

	Address	Module	DI	DO	AI	AO	Polling Timeout
<input checked="" type="radio"/>	1	I-7019	0	0	8	0	300

Buttons: Setting, Remove, Move Up, Move Down, Save

4. On the “I-7019 Module Setting” page, in the “AI Attribute” section, in the “Ch.0” section, select “Type” to be “T/C K-type -270°C~1372°C”. Click “Save” button to save the settings and return to the “I-7000 Module Setting Page”.

I-7019 Module Setting

Address	1
Polling Timeout	300 milliseconds
Temperature Unit	<input checked="" type="radio"/> Celsius(°C) <input type="radio"/> Fahrenheit(°F)

AI Attribute

Channel	Nickname	Type	Deadband	Scale
Ch.0		T/C K-type -270°C~1372°C	0 (0 °C ~ 1642 °C)	MIN 0 MAX 0
Ch.1		-15 mV ~ 15 mV	0 (0 mV ~ 30 mV)	MIN 0 MAX 0
Ch.2		-15 mV ~ 15 mV	0 (0 mV ~ 30 mV)	MIN 0 MAX 0
Ch.3		-15 mV ~ 15 mV	0 (0 mV ~ 30 mV)	MIN 0 MAX 0
Ch.4		-15 mV ~ 15 mV	0 (0 mV ~ 30 mV)	MIN 0 MAX 0
Ch.5		-15 mV ~ 15 mV	0 (0 mV ~ 30 mV)	MIN 0 MAX 0
Ch.6		-15 mV ~ 15 mV	0 (0 mV ~ 30 mV)	MIN 0 MAX 0
Ch.7		-15 mV ~ 15 mV	0 (0 mV ~ 30 mV)	MIN 0 MAX 0

Save

5. On the “I-7000 Module Setting Page”, continue to add I-7061D module to the list (in this case, the I-7061D locates at address 2).

I-7000 Module Setting Page

Baudrate(COM2)	115200 bps
Checksum	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Auto Search	Scan

Module	I-7061
Type	I-7061, I-7061D
Address	2
Polling Timeout	300 milliseconds

Add

I-7000 Module List of COM2							
	Address	Module	DI	DO	AI	AO	Polling Timeout
<input type="radio"/>	1	I-7019	0	0	8	0	300
<input checked="" type="radio"/>	2	I-7061	0	12	0	0	300

L **Setting** **Remove** **Move Up** **Move Down**

Save

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

I-7000 Module Setting Page

Baudrate(COM2) 115200 bps

Checksum Enable Disable

Auto Search

Module I-7005

Type I-7005

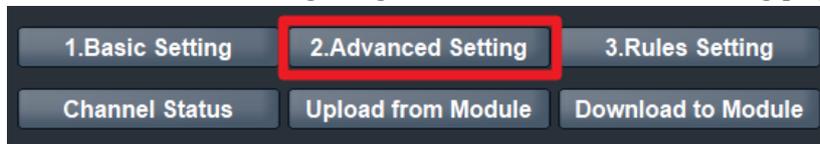
Address 3

Polling Timeout 300 milliseconds

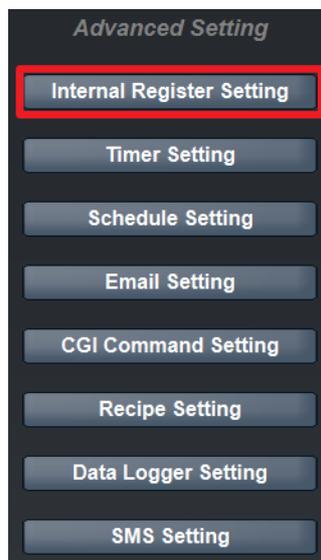
I-7000 Module List of COM2

	Address	Module	DI	DO	AI	AO	Polling Timeout
<input checked="" type="radio"/>	1	I-7019	0	0	8	0	300
<input type="radio"/>	2	I-7061	0	12	0	0	300

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



8. On the “Advanced Setting” page; click on “Internal Register Setting” to get into the setting page.



9. On the “Internal Register Setting” page, check the box of No.01 to enable the Internal Register No.01 and click “Save” button.

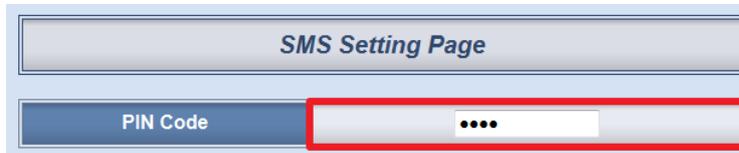
Internal Register Setting Page

<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> No.01	<input type="checkbox"/> No.02	<input type="checkbox"/> No.03	<input type="checkbox"/> No.04	<input type="checkbox"/> No.05	<input type="checkbox"/> No.06
Nickname	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Initial value	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
<input type="checkbox"/> Enable	<input type="checkbox"/> No.07	<input type="checkbox"/> No.08	<input type="checkbox"/> No.09	<input type="checkbox"/> No.10	<input type="checkbox"/> No.11	<input type="checkbox"/> No.12
Nickname	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Initial value	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
<input type="checkbox"/> Enable	<input type="checkbox"/> No.13	<input type="checkbox"/> No.14	<input type="checkbox"/> No.15	<input type="checkbox"/> No.16	<input type="checkbox"/> No.17	<input type="checkbox"/> No.18
Nickname	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Initial value	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
<input type="checkbox"/> Enable	<input type="checkbox"/> No.19	<input type="checkbox"/> No.20	<input type="checkbox"/> No.21	<input type="checkbox"/> No.22	<input type="checkbox"/> No.23	<input type="checkbox"/> No.24
Nickname	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Initial value	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
<input type="checkbox"/> Enable	<input type="checkbox"/> No.25	<input type="checkbox"/> No.26	<input type="checkbox"/> No.27	<input type="checkbox"/> No.28	<input type="checkbox"/> No.29	<input type="checkbox"/> No.30
Nickname	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Initial value	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
<input type="checkbox"/> Enable	<input type="checkbox"/> No.31	<input type="checkbox"/> No.32	<input type="checkbox"/> No.33	<input type="checkbox"/> No.34	<input type="checkbox"/> No.35	<input type="checkbox"/> No.36
Nickname	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Initial value	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
<input type="checkbox"/> Enable	<input type="checkbox"/> No.37	<input type="checkbox"/> No.38	<input type="checkbox"/> No.39	<input type="checkbox"/> No.40	<input type="checkbox"/> No.41	<input type="checkbox"/> No.42
Nickname	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Initial value	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
<input type="checkbox"/> Enable	<input type="checkbox"/> No.43	<input type="checkbox"/> No.44	<input type="checkbox"/> No.45	<input type="checkbox"/> No.46	<input type="checkbox"/> No.47	<input type="checkbox"/> No.48
Nickname	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Initial value	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

10. On the “Advanced Setting” page; click on “SMS Setting” to get into the setting page.

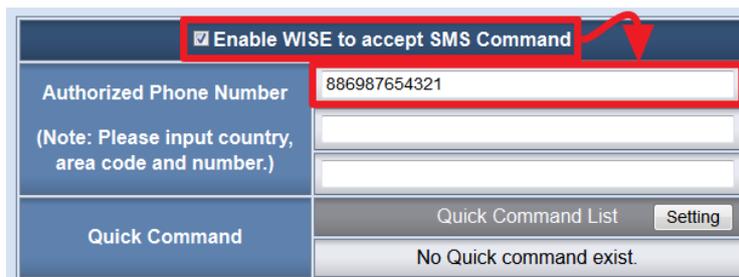
Advanced Setting

11. On the “SMS setting” page (on the right side), input the 4 digit SIM card PIN code in the “PIN Code” field,. If the PIN code is not required, leave the field blank.



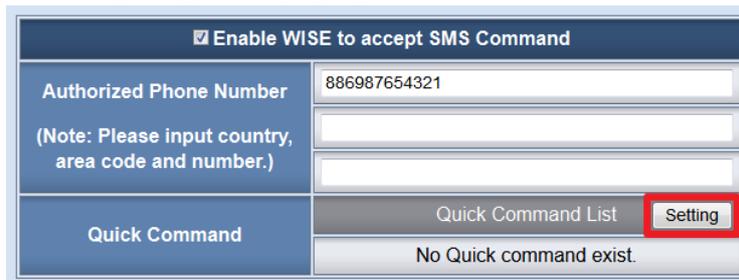
The screenshot shows the "SMS Setting Page" with a "PIN Code" field highlighted by a red border. The field contains four dots, indicating a masked input.

12. Enable the “Send SMS Command to WISE” function. Input the phone numbers of the operators who are authorized to send SMS commands to WISE-5801 in the “Authorized Phone Number” field. The “Authorized Phone Number” has to be input in the format: Country code, area code and number. In this case you are required to input the cell phone number 0987654321 in Taiwan area, therefore please input the Authorized Phone Number as “886987654321”.)



The screenshot shows the "SMS Setting Page" with the "Enable WISE to accept SMS Command" checkbox checked. The "Authorized Phone Number" field contains the value "886987654321". A red box highlights the checkbox and the "Authorized Phone Number" field. A red arrow points to the "Setting" button in the "Quick Command" section.

13. In the Quick Command section, click the “Setting” button then a “SMS Quick Command Setting” Page will pop up.



The screenshot shows the "SMS Setting Page" with the "Setting" button in the "Quick Command" section highlighted by a red box. The "Authorized Phone Number" field still contains "886987654321".

14. Input “on” as the command string in the “Quick Command” field. Select “ACT” as the command style in the Original Command field. Assign Index as 1 and Value as 1 in the Original Command field, then press “Add” button to complete the first SMS command setting.

The screenshot shows the 'SMS Quick Command Setting' form. The 'Quick Command' field contains the text 'on'. The 'Original Command' field is expanded to show 'ACT: 1/1', 'Index: 1', and 'Value: 0 1 None', where the '1' radio button is selected. An 'Add' button is visible at the bottom right of the form. Red arrows point from the 'on' field to the 'Add' button.

15. Input “**off**” as the command string in the “Quick Command” field. Select “ACT” as the command style in the Original Command field. Assign Index as 1 and Value as 0 in the Original Command field, then press “Add” button to complete the second SMS command setting.

The screenshot shows the 'SMS Quick Command Setting' form. The 'Quick Command' field contains the text 'off'. The 'Original Command' field is expanded to show 'ACT: 1/0', 'Index: 1', and 'Value: 0 1 None', where the '0' radio button is selected. An 'Add' button is visible at the bottom right of the form. Red arrows point from the 'off' field to the 'Add' button.

16. Input “**counter**” as the command string in the “Quick Command” field. Select “GET” as the command style in the Original Command field. Select “Internal Register” and “1” in the Module field, then press “Insert” button to insert the command string to the original command field. You can also directly input the command string “\$ir1” in the original command field. Now press “Add” button to complete the third SMS command setting.

The screenshot shows the 'SMS Quick Command Setting' form. The 'Quick Command' field contains the text 'counter'. The 'Original Command' field is expanded to show 'GET: \$ir1' and 'Module: Internal Register No. 1'. An 'Insert' button is located below the module selection. An 'Add' button is visible at the bottom right of the form. Red arrows point from the 'counter' field to the 'Add' button.

17. Input “**light**” as the command string in the “Quick Command” field. Select “SET” as the command style in the Original Command field. Please also select “I-7061(2)”, “DO” and “2” in the Module field, assign “None” in the Value field, then press “Add” button to complete the fourth SMS command setting.

18. Make sure all SMS command settings are accurate in the Quick Command List. Press “Save” button to return to the SMS setting page.

Quick Command List	
Quick Command	Original Command
<input checked="" type="radio"/> on	ACT:1/1
<input type="radio"/> off	ACT:1/0
<input type="radio"/> counter	GET:\$ir1
<input type="radio"/> light	SET:\$m2do2
L Remove	

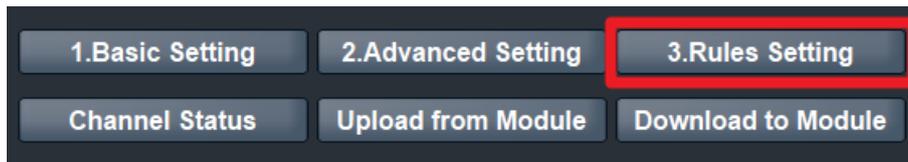
19. In the “SMS Alarm Sending from WISE” section, please follow the steps as below to complete the setting.
- i. In the “SMS Amount” field, specify the total number of SMS alarm messages to be “1” from the dropdown list.
 - ii. In the “Index” field, specify the SMS index number to be “1” from the dropdown list.
 - iii. In the “Phone Number” field, input the phone numbers to receive the SMS alarm messages. In this case, please input “0987654321”.
 - iv. Enter the content in the “Message” field. In this case, please input “Attention! The current temperature of the greenhouse is \$m1ai0”. Please note: if you input the content other than English, please select Unicode mode.

SMS Alarm Sending from WISE	
SMS Amount	1
Index	1
Phone Number	0987654321
Message (Note: The length of the message cannot exceed 160 characters.)	<input type="checkbox"/> Unicode Attention! The current temperature of the greenhouse is \$m1ai0
Insert Real-Time Variable	
Module: I-7019(1)	
AI Ch. 0 Add	

20. Make sure all settings are accurate, click "Save" button to save the changes.

SMS Setting Page	
PIN Code	••••
<input checked="" type="checkbox"/> Enable WISE to accept SMS Command	
Authorized Phone Number (Note: Please input country, area code and number.)	886987654321
Quick Command	Quick Command List <input type="button" value="Setting"/>
	on
	off
	counter
	light
SMS Alarm Sending from WISE	
SMS Amount	1
Index	1
Phone Number	0987654321
Message (Note: The length of the message cannot exceed 160 characters.)	<input type="checkbox"/> Unicode Attention! The current temperature of the greenhouse is \$m1ai0
Insert Real-Time Variable	
Module: I-7019(1)	
AI Ch. 0 Add	
<input type="button" value="Save"/>	

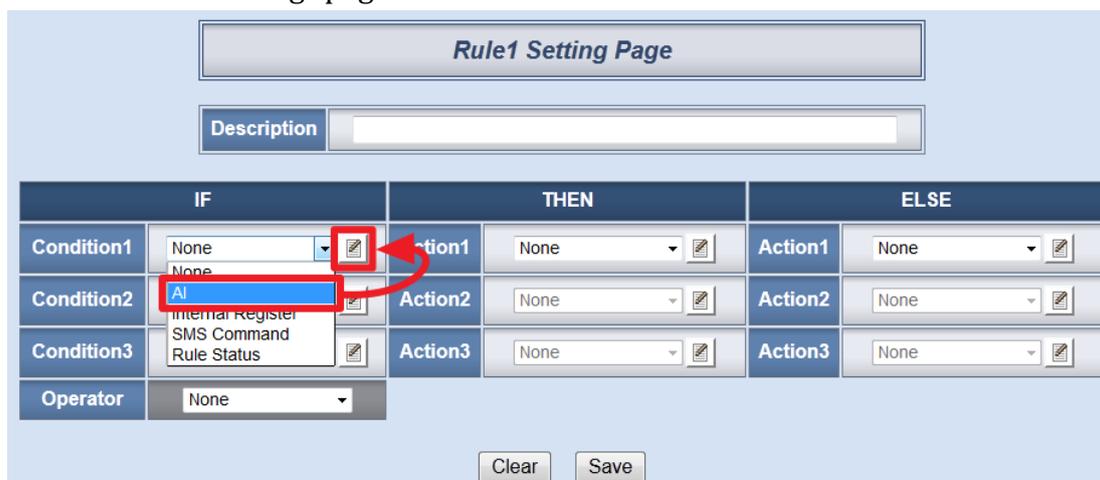
21. Click on “3.Rules Setting” to get into the Rule Setting page.



22. If no other logic rule appear on the “Rule Overview” region, check the “Rule 1” checkbox to enable “Rule 1”, then click “Rule 1” “Edit” button to edit “Rule 1”.



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



24. In the “Module & Channel” section, select “I-7019(1)” and channel “0” from the dropdown list. In the “Operator” field, select “>” and in the “Value” section, select “Assign Value as” and input “40” in the field below as indicated. Click “Save” button to save the settings and return to the “Rule1 Setting Page”.

AI Condition Setting

Module & Channel	Operator	Value
I-7019(1) Ch. 0	>	Assign Value as 40

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

Rule1 Setting Page

Description:

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

26. In the “Index” field, select “1” and verify the SMS information. Click “Save” button to save the settings and return to the “Rule1 Setting Page”.

SMS Alarm Action Setting

Index: 1

SMS Alarm Information

Phone Number: 0987654321

Message: Attention! The current temperature of greenhouse is \$m1ai0

27. Make sure all Rule 1 settings are accurate, click “Save” button to save the changes and return to the “Rule1 Setting Page”.

Rule1 Setting Page

Description

	IF		THEN		ELSE
Condition1	AI	Action1	SMS Alarm <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				

28. Check the "Rule 2" checkbox to enable "Rule 2", then click "Rule 2" "Edit" button to edit "Rule 2".

Enable	No.	Edit	Status
<input checked="" type="checkbox"/>	Rule1	Edit	OK
<input checked="" type="checkbox"/>	Rule2	Edit	
<input type="checkbox"/>	Rule3	Edit	

29. On the "Rule2 Setting Page"(on the right side), select "SMS Command" as IF Condition for "Condition 1", and then click on the right side button to get into the "SMS Command Condition Setting" page.

Rule2 Setting Page

Description

	IF		THEN		ELSE
Condition1	<div style="border: 2px solid red; padding: 2px;"> None None AI Internal Register <div style="border: 2px solid red; padding: 2px;">SMS Command</div> Rule Status </div>	Action1	None	Action1	None
Condition2	None	Action2	None	Action2	None
Condition3	None	Action3	None	Action3	None
Operator	None				

30. In the "Index" field, select "1" and in the "Value" field, select "1" from the radio button and then click "Save" button to save the settings and return to the "Rule1 Setting Page".

SMS Command Condition Setting

Index	1
Value	<input type="radio"/> 0 <input checked="" type="radio"/> 1

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

Rule2 Setting Page

Description:

	IF	THEN	ELSE
Condition1	SMS Command	Action1: None (dropdown open, DO selected)	Action1: None
Condition2	None	Action2: DO	Action2: None
Condition3	None	Action3: Internal Register	Action3: None
Operator	None		

32. In the “Module & Channel” section, select “I-7061(2)” and channel “0” from the dropdown list. In the “Channel Value” section, select “ON” from the dropdown list. Then click “Save” button to save the settings and return to the “Rule2 Setting Page”.

DO Action Setting

Module & Channel	I-7061(2) Channel 0
Channel Value	ON

33. In the “THEN” section, in the “Action2” field, select “DO” from the dropdown list; click the button next to the “Action2” field as indicated to get into the “DO Action Setting” page.

Rule2 Setting Page

Description

IF	THEN	ELSE
Condition1 SMS Command	Action1 DO One Time Repeat	Action1 None
Condition2 None	Action2 None	Action2 None
Condition3 None	Action3 DO	Action3 None
Operator None		

Clear Save

34. In the “Module & Channel” section, select “I-7061(2)” and channel “1” from the dropdown list. In the “Channel Value” section, select “ON” from the dropdown list. Then click “Save” button to save the settings and return to the “Rule2 Setting Page”.

DO Action Setting

Module & Channel I-7061(2) Channel 1

Channel Value ON

Save

35. In the “THEN” section, in the “Action3” field, select “Internal Register” from the dropdown list; click the button next to the “Action 3” field as indicated to get into the “Internal Register Action Setting” page.

Rule2 Setting Page

Description

IF	THEN	ELSE
Condition1 SMS Command	Action1 DO One Time Repeat	Action1 None
Condition2 None	Action2 DO One Time Repeat	Action2 None
Condition3 None	Action3 None	Action3 None
Operator None		

Clear Save

36. In the “Index” field, select “1” and in the “Operator” field, select “+=” and in the “Value” field, select “Assign Value as” and input “1” in the field below as indicated. Click “Save” button to save the settings and get back to the “Rule2 Setting Page”.

Internal Register Action Setting

Index	Operator	Value
1	+=	Assign Value as 1

Save

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

Rule2 Setting Page

Description:

IF		THEN		ELSE	
Condition1	SMS Command	Action1	DO One Time	Action1	None DO
Condition2	None	Action2	DO One Time	Action2	Internal Register SMS Alarm Rule Status
Condition3	None	Action3	Internal Register One Time	Action3	None
Operator	None				

Clear Save

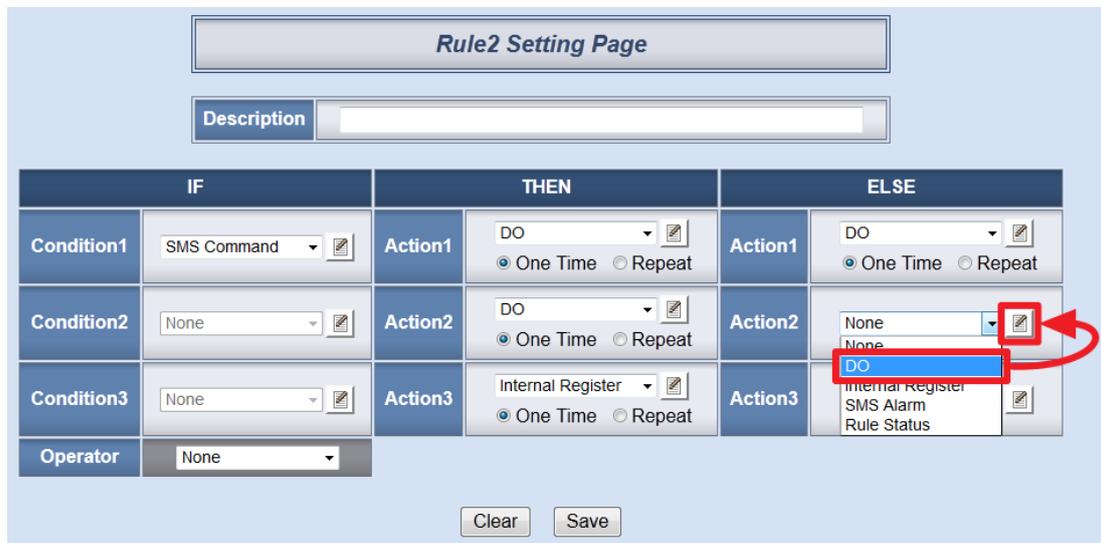
38. In the “Module & Channel” section, select “I-7061(2)” and channel “0” from the dropdown list. In the “Channel Value” section, select “OFF” from the dropdown list. Then click “Save” button to save the settings and return to the “Rule2 Setting Page”.

DO Action Setting

Module & Channel	I-7061(2) Channel 0
Channel Value	OFF

Save

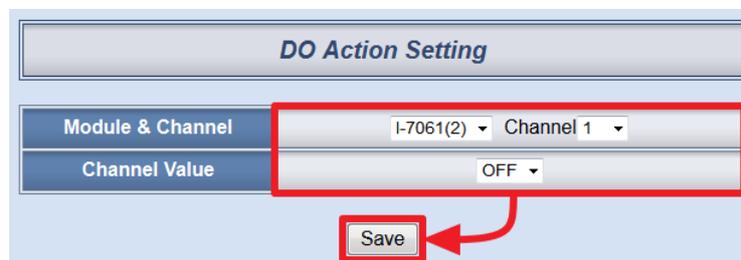
39. In the “ELSE” section, in the “Action2” field, select “DO” from the dropdown list; click the button next to the “Action2” field as indicated to get into the “DO Action Setting” page.



The screenshot shows the "Rule2 Setting Page" with a "Description" field and a table for rule configuration. The table has columns for "IF", "THEN", and "ELSE". The "ELSE" section has three rows for "Action1", "Action2", and "Action3". The "Action2" dropdown is set to "DO", and a red box highlights the edit button next to it. A red arrow points from the edit button to the "DO" option in the dropdown list.

IF		THEN		ELSE	
Condition1	SMS Command	Action1	DO One Time Repeat	Action1	DO One Time Repeat
Condition2	None	Action2	DO One Time Repeat	Action2	None DO Internal Register SMS Alarm Rule Status
Condition3	None	Action3	Internal Register One Time Repeat	Action3	
Operator	None				

40. In the “Module & Channel” section, select “I-7061(2)” and channel “1” from the dropdown list. In the “Channel Value” section, select “OFF” from the dropdown list. Then click “Save” button to save the settings and return to the “Rule2 Setting Page”.



The screenshot shows the "DO Action Setting" page. The "Module & Channel" section has "I-7061(2)" and "Channel 1" selected. The "Channel Value" section has "OFF" selected. A red box highlights the "Module & Channel" and "Channel Value" sections, and another red box highlights the "Save" button. A red arrow points from the "Save" button to the "Channel Value" dropdown.

41. Make sure all Rule 2 settings are accurate, click “Save” button to save the changes.

Rule2 Setting Page

Description

IF		THEN		ELSE	
Condition1	SMS Command	Action1	DO <input checked="" type="radio"/> One Time <input type="radio"/> Repeat	Action1	DO <input checked="" type="radio"/> One Time <input type="radio"/> Repeat
Condition2	None	Action2	DO <input checked="" type="radio"/> One Time <input type="radio"/> Repeat	Action2	DO <input checked="" type="radio"/> One Time <input type="radio"/> Repeat
Condition3	None	Action3	Internal Register <input checked="" type="radio"/> One Time <input type="radio"/> Repeat	Action3	None
Operator	None				

42. After finish the rule editing, click the “Download to Module” button to download the rule setting.

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

43. 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 >

I-7019(1) AI0 > 40 °C

< THEN >

SMS Alarm 1 Send (One Time)

Rule2(Enable)

Description:

< IF >

SMS Command 1 = 1

< THEN >

I-7061(2) DO0 = ON (One Time)

I-7061(2) DO1 = ON (One Time)

Internal Register 1 += 1 (One Time)

< ELSE >

I-7061(2) DO0 = OFF (One Time)

I-7061(2) DO1 = OFF (One Time)