

WISE-580x CGI Command Application Example



- **Scenario :**

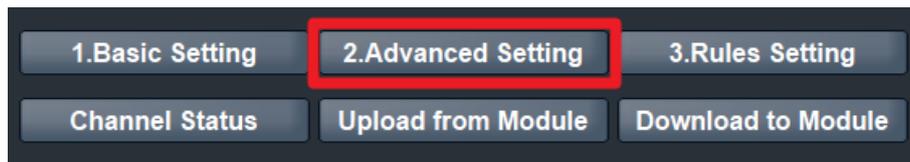
Assume a WISE-5800 Controller and IP Camera are used in a home security monitoring system; the WISE-5800 Controller is connected with an I-7012FD module. The DI channel 0 on I-7012FD module is connected to the door access control, when there is an unauthorized entry, as soon as the WISE-5800 receives a signal from the door access control (DI0 = ON), it will send out CGI command for IP Camera to perform video recording. The IP Camera doesn't need to be "ON" all the time. This solution achieves safety monitoring and electricity saving at the same time.



- **Steps :**

0. In this case, we will demo how to perform CGI Command 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, step 1 to step 3 for more detailed information. In this case, the I-7012FD module is located at address 4.

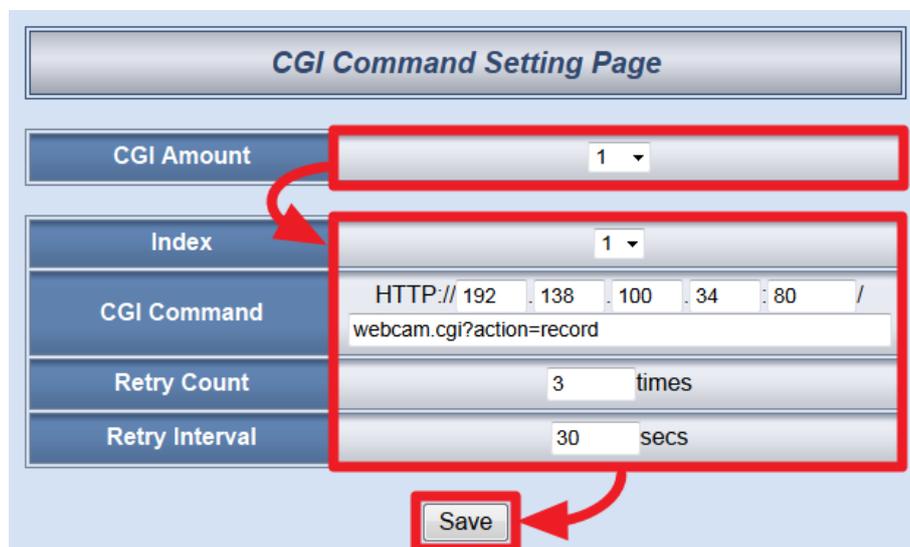
1. Open the WISE WEB page and get into the “2.Advanced Setting” page.



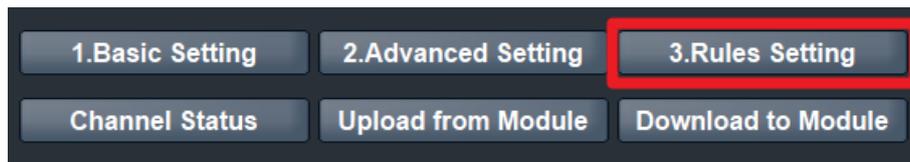
2. On the Advanced Setting page; click on “CGI Command Setting” to get into the setting page.



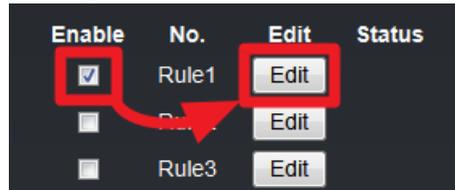
3. On the CGI Command Setting page; specify the “CGI Amount” to be “1”, assign IP address to the CGI Command information column and set CGI command for IP Camera (as indicated below), then click “Save” button to save the settings.



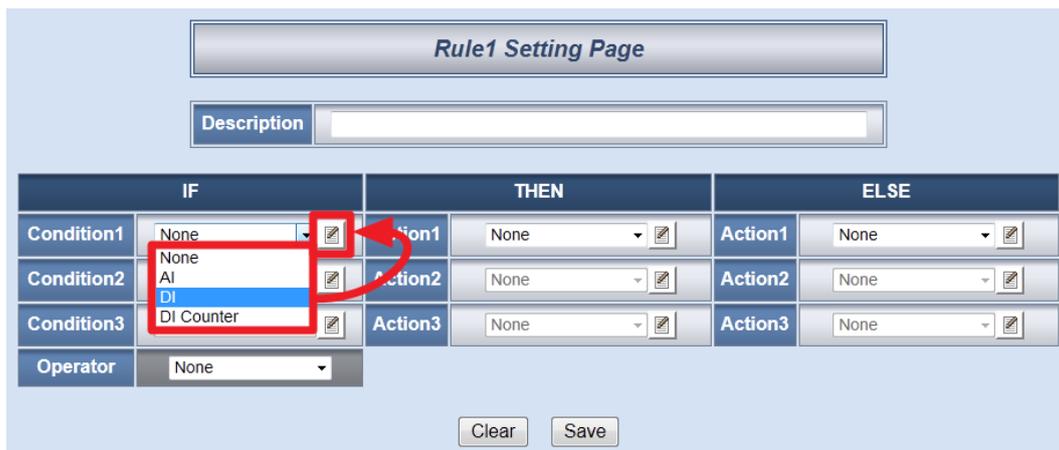
4. Click on “3.Rules Setting” page to get into the Rule Setting WEB page.



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



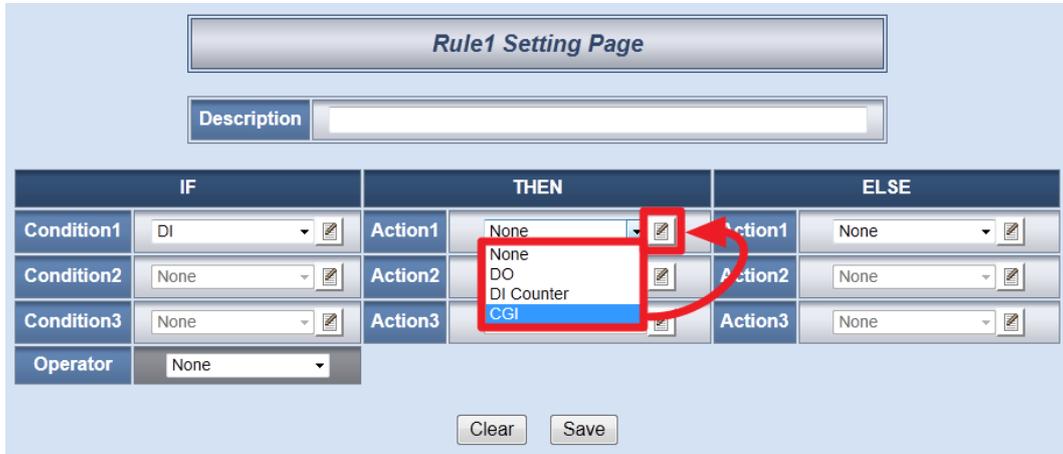
6. On the “Rule1 Setting Page”(on the right side), select “DI” as IF Condition for “Condition 1”, and then click on the right side button to get into “DI Condition Setting” page.



7. On 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. Complete “DI0 = ON” condition setting, then click “Save” button to save the settings and return to Rules 1 Setting Page.



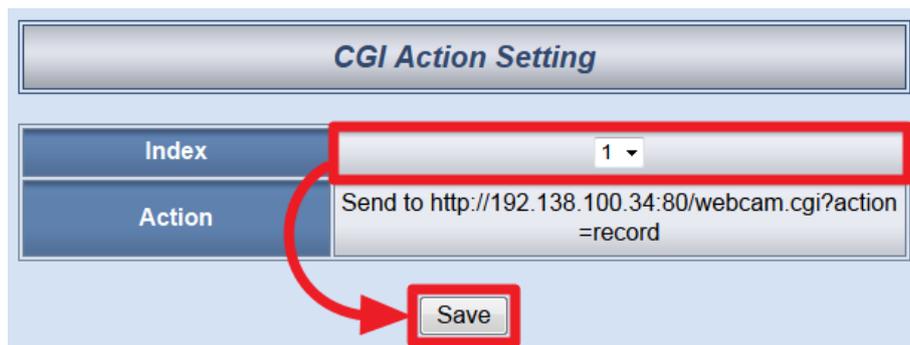
8. In the “THEN” section, in the “Action1” field, select “CGI” from the dropdown list; click the button next to the “Action 1” field as indicated to get into the “CGI Action Setting” page.



The screenshot shows the "Rule1 Setting Page" with a "Description" field. Below it is a table with three columns: IF, THEN, and ELSE. The IF column has three rows for Condition1, Condition2, and Condition3, with values DI, None, and None respectively. The THEN column has three rows for Action1, Action2, and Action3. The Action1 dropdown menu is open, showing options: None, DO, DI Counter, and CGI. The CGI option is highlighted. A red box highlights the CGI option, and a red arrow points to the edit button next to it. The ELSE column has three rows for Action1, Action2, and Action3, all with None selected. At the bottom are "Clear" and "Save" buttons.

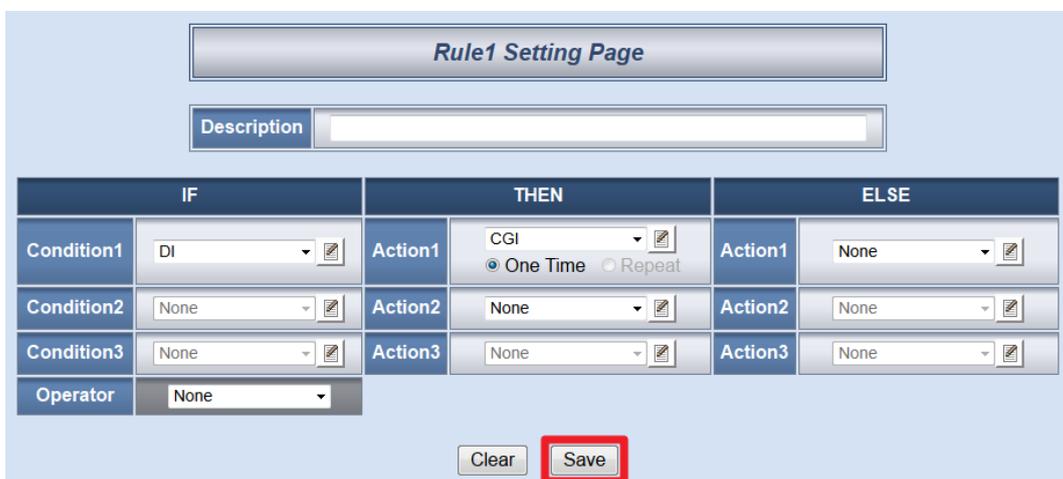
	IF	THEN	ELSE
Condition1	DI	Action1 None DO DI Counter CGI	Action1 None
Condition2	None	Action2 None	Action2 None
Condition3	None	Action3 None	Action3 None
Operator	None		

9. 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”.



The screenshot shows the "CGI Action Setting" page. It has an "Index" field with a dropdown menu set to "1" and an "Action" field with the text "Send to http://192.138.100.34:80/webcam.cgi?action=record". A red box highlights the "1" in the Index dropdown, and a red arrow points from it to the "Save" button, which is also highlighted with a red box.

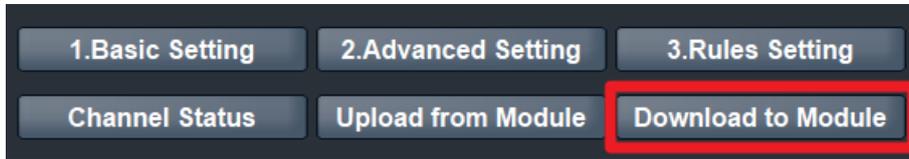
10. Make sure all Rule 1 settings are accurate, click “Save” button to save the settings.



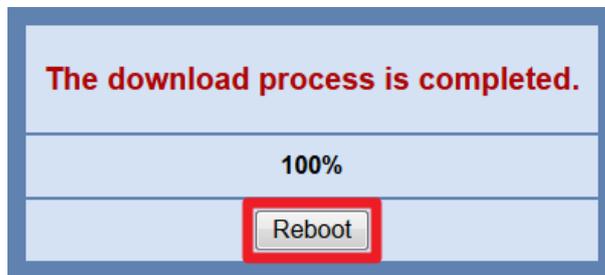
The screenshot shows the "Rule1 Setting Page" with the "THEN" section updated. The Action1 dropdown menu is now set to "CGI". Below the dropdown are radio buttons for "One Time" (selected) and "Repeat". The "Save" button at the bottom is highlighted with a red box.

	IF	THEN	ELSE
Condition1	DI	Action1 CGI One Time Repeat	Action1 None
Condition2	None	Action2 None	Action2 None
Condition3	None	Action3 None	Action3 None
Operator	None		

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



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



- **Rule Overview :**

