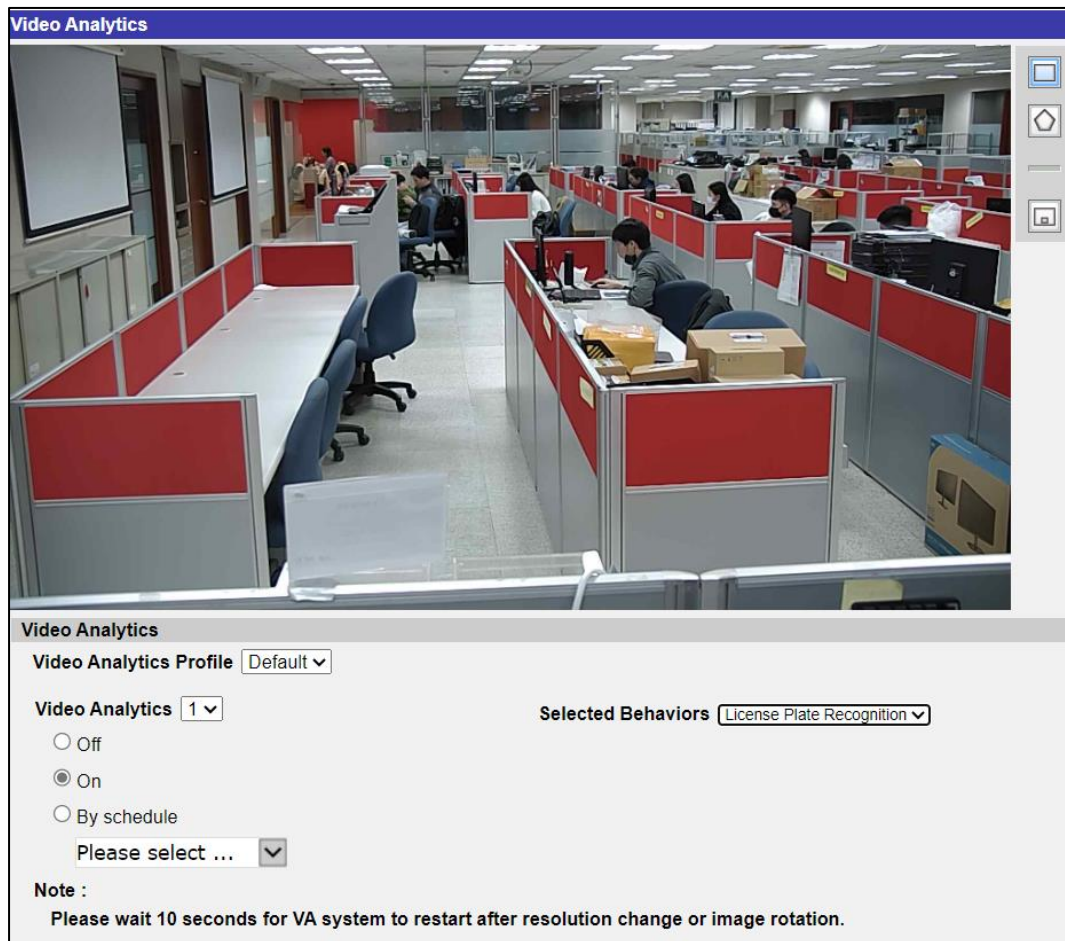


How to Setup License Plate Recognition on A952 / A426 / A826 and NVR3

Introduction

Cameras with built-in Automatic License Plate Recognition (ALPR) capabilities are designed to capture and process vehicle license plates. Integration with the NVR3 server strengthens surveillance capabilities and contributes to more effective management of traffic and safety. This document describes the step-by-step guide on how to set up license plate recognition on **A952**, **A426**, or **A826** and **NVR3**, which involves setting the camera first and then the server.

Camera Setting



1. Go to **System > Events > Video Analytics**.
2. On Video Analytics, select video "1" or video "2" to assign as the license plate recognition

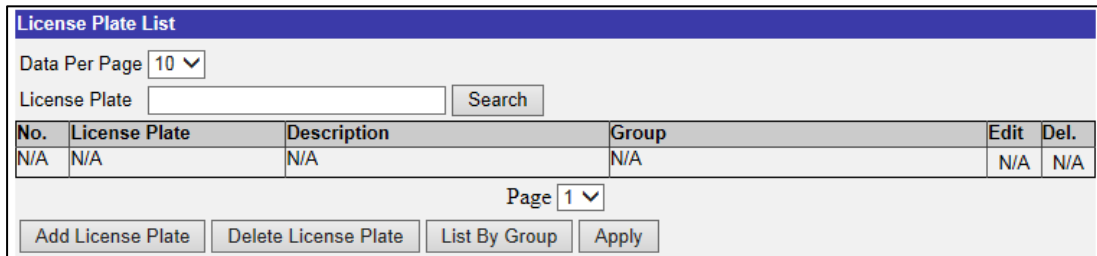
video source.

3. On **Selected Behaviors**, select “**License Plate Recognition**”.
4. Click “**On**”.
5. On **Behavior Specific Settings**, click **Edit**.



The screenshot shows the 'Behavior Specific Settings' form. It is divided into two sections: 'DataBase Setting' and 'Recognition Setting'. Under 'DataBase Setting', there is a 'DataBase Upload' field with a '浏览...' button and an 'Upload' button. Below it, 'DataBase Status' is set to 'Plate:0, Group:0', with 'Export', 'Delete', and 'Edit' buttons. The 'Recognition Setting' section includes a 'Recognition Threshold' set to '70' and a 'Recognition Region' dropdown menu currently set to 'Taiwan'.

6. On the **License Plate List** section, click **Add License Plate**.

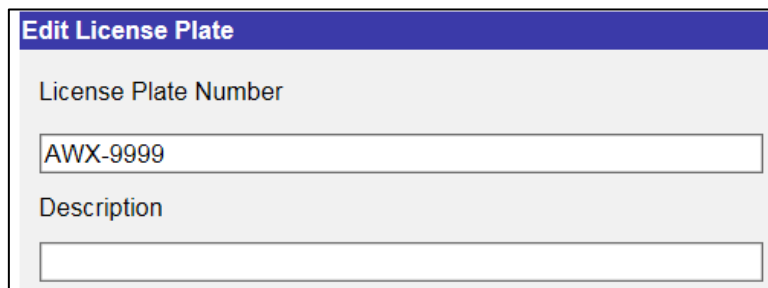


The screenshot shows the 'License Plate List' section. It features a 'Data Per Page' dropdown set to '10', a 'License Plate' search input field with a 'Search' button, and a table with the following content:

No.	License Plate	Description	Group	Edit	Del.
N/A	N/A	N/A	N/A	N/A	N/A





Below the table, there is a 'Page 1' dropdown and four buttons: 'Add License Plate', 'Delete License Plate', 'List By Group', and 'Apply'.

7. Enter the **License Plate Number** and fill in the **Description**, as needed.




The screenshot shows the 'Edit License Plate' form. It has two main input fields: 'License Plate Number' and 'Description'. The 'License Plate Number' field contains the text 'AWX-9999'.

NOTE: Licensed plates are recognized according to three (3) categories by region, namely: <General>, <Japan>, and <Taiwan>. When entering a Taiwan license plate number, note that the **hyphen (-)** in the plate number is required. Licensed plate numbers of other countries or regions can be recognized with or without hyphens and spaces. See example below:


Recognition Region	License Plate	Correct Input
General		DR12 UGS
		AB-412-AA or AB 412 AA
Japan		宮城 50 ら 29-51 or 宮城 50 ら 29 51
Taiwan		AWX-9999

8. Click **Save** to apply the setting. Repeat the same process to add more license plates.




9. After finishing adding the license plate numbers, click **List by Group** from the **License Plate List** section.

License Plate List					
Data per page	10				
License plate	<input type="text"/>	Search			
No.	License Plate	Description	Group	Edit	Del.
1	AB 440 BA		test		<input type="checkbox"/>
			Page	1	
Add License Plate		Delete License Plate	List By Group	Apply	

10. On the **Group List** section, click **Add Group**. Then, select the license plates to add into the group.

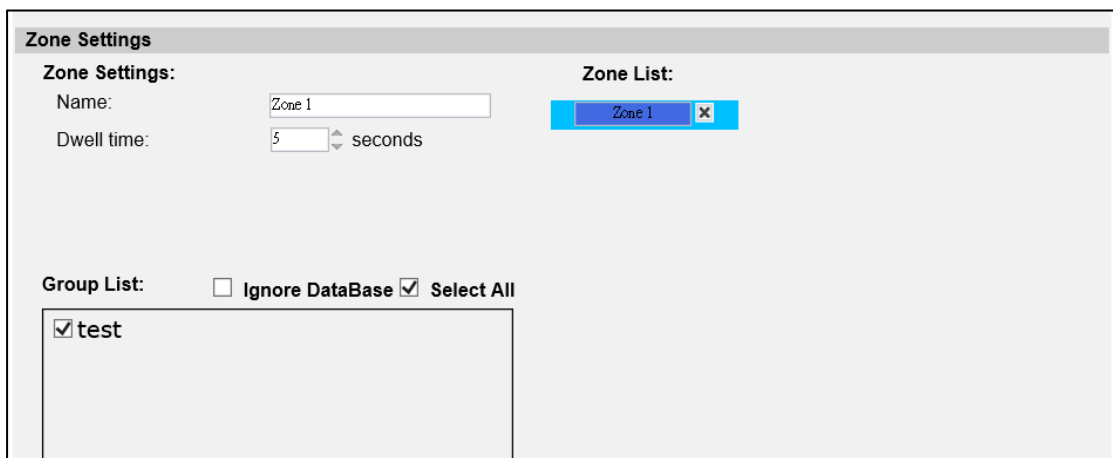
Group List				
Data per page	10			
Group name	<input type="text"/>	Search		
No.	Group	License Plate	Edit	Del.
1	test	AB 440 BA		<input type="checkbox"/>
		Page	1	
Add Group	Delete Group	List By Name	Apply	

11. Click **Apply** to save the settings.

12. Click  or  and draw a zone of interest. Click  to define the minimum and maximum size of object.



13. Select the group(s) from the **Group List**. When a detected license plate is in the group(s) that you selected, the camera will trigger the event.



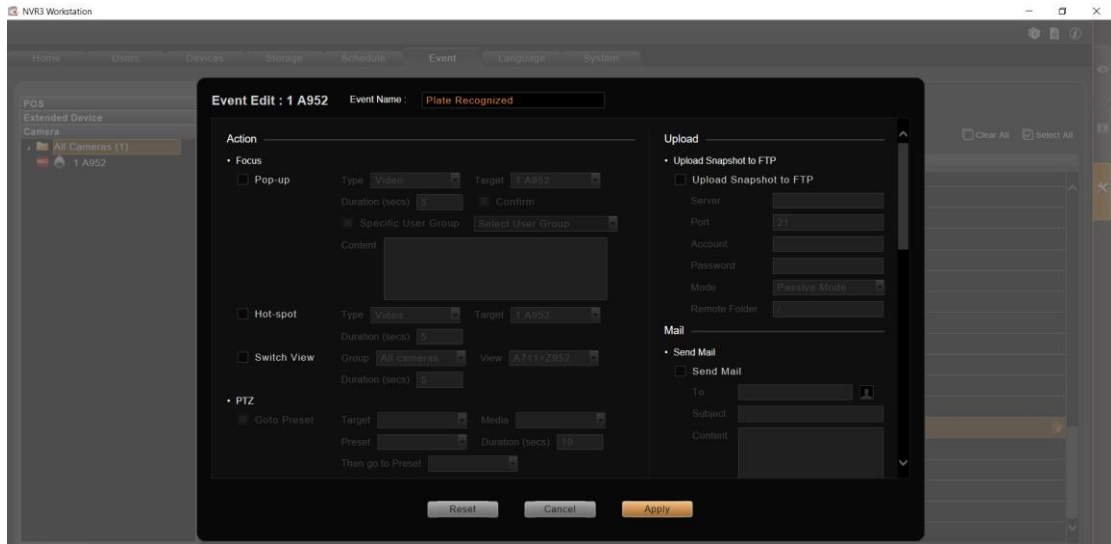
The screenshot shows the 'Zone Settings' configuration panel. It has a title bar 'Zone Settings'. Under 'Zone Settings:', there are two fields: 'Name:' with a text input containing 'Zone 1' and 'Dwell time:' with a numeric input containing '5' and the unit 'seconds'. To the right, under 'Zone List:', there is a blue button labeled 'Zone 1' with a close icon. Below this, under 'Group List:', there are two checkboxes: 'Ignore DataBase' (unchecked) and 'Select All' (checked). Below these is a list box containing one item 'test' with a checked checkbox.

14. Setup what behaviors to take when an event occurs under **Triggered Action & File Name** section.

15. Click **Save** to apply the settings.

NVR Setting

1. Please make sure the NVR3 version is at least NVR3 Corporate v3.0.16.71 Alpha Release (x64).
2. Add the camera to the NVR through ONVIF.
3. Setup “Plate Recognized” Event and Response.



4. After completing all the settings, you will receive “Plate Recognized” event when the license plate in the selected group is detected.

