ACTi
Knowledge Base

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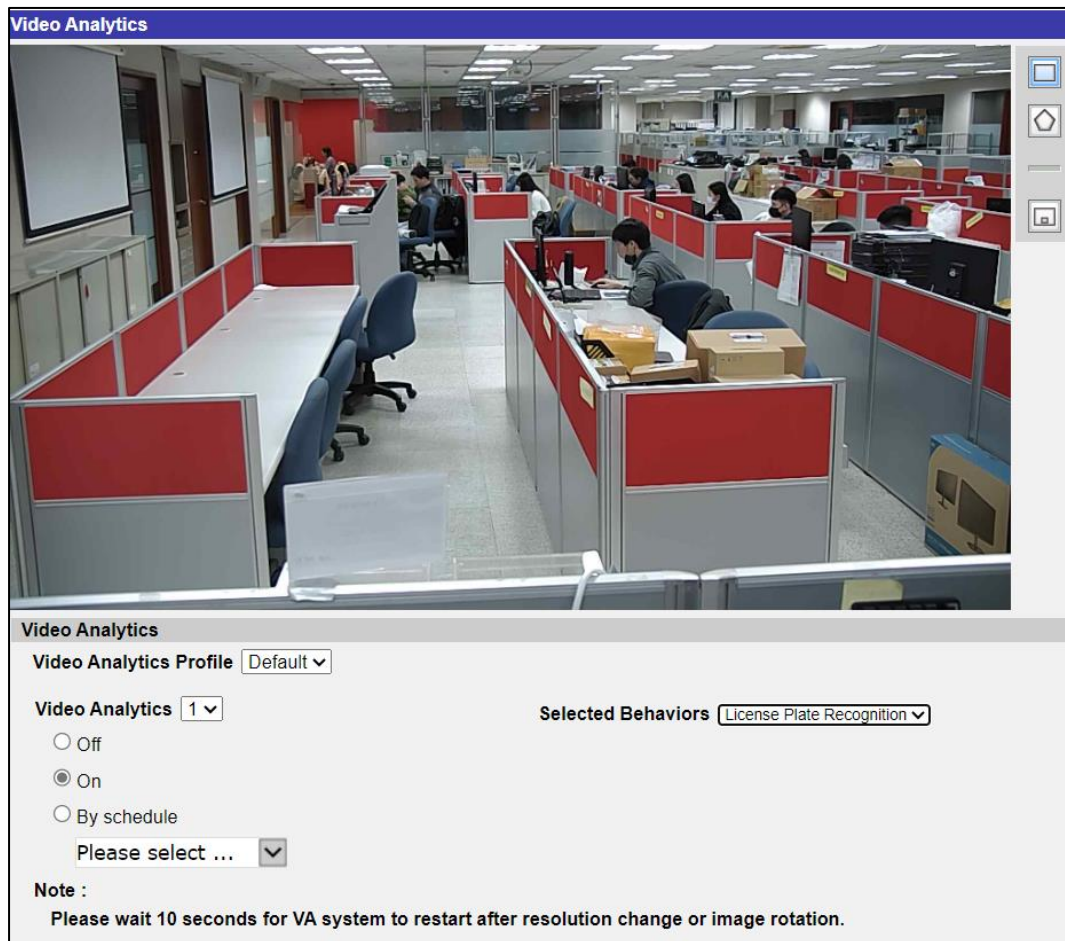
1. Go to **System > Events > Video Analytics**.
2. On Video Analytics, select video "**1**" or video "**2**" to assign as the license plate recognition
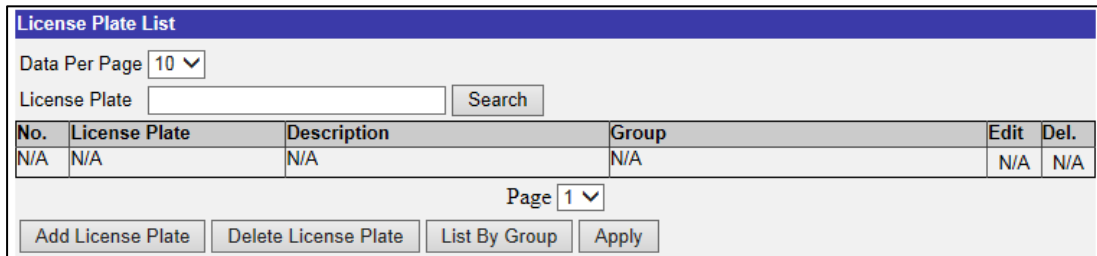
video source.

3. On **Selected Behaviors**, select "**License Plate Recognition**".

4. Click "**On**".

5. On **Behavior Specific Settings**, click **Edit**.

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

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

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	DR12 UGS
	AB-412-AA	AB-412-AA or AB 412 AA
Japan	宮城 50 ら 29-51	宮城 50 ら 29-51 or 宮城 50 ら 29 51
Taiwan	AWX·9999	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 [   ] [Search]

No.	License Plate	Description	Group	Edit	Del.
1	AB 440 BA		test	✏	☐

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.
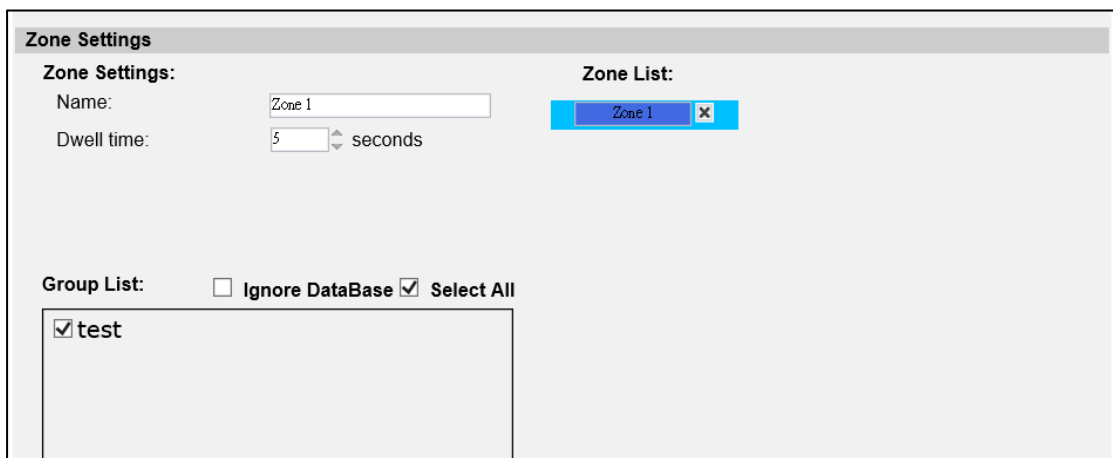
Group List

Data per page 10 ▾

Group name [   ] [Search]

No.	Group	License Plate	Edit	Del.
1	test	AB 440 BA	✏	☐

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.
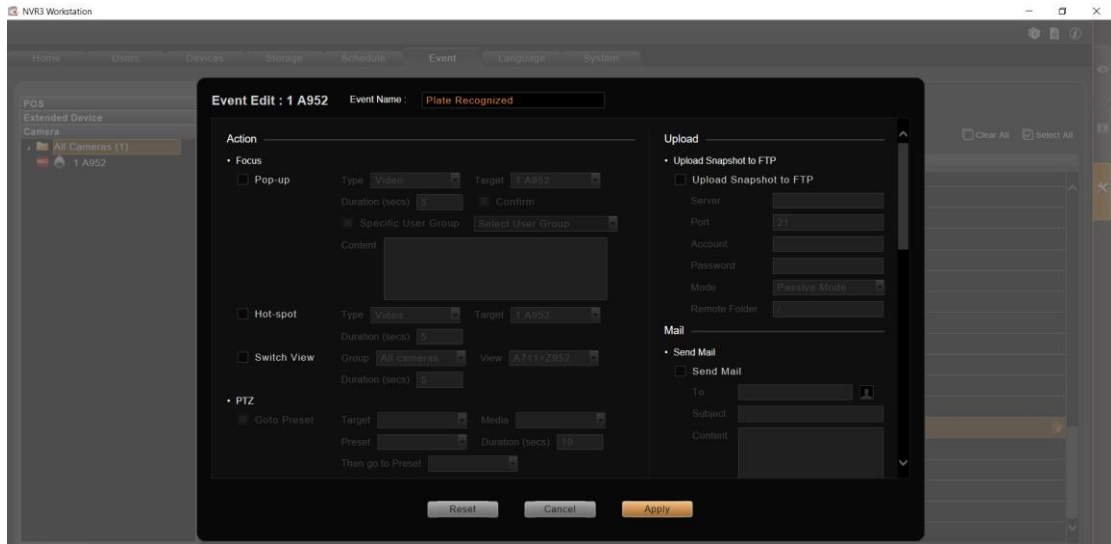

14. Setup what behaviors to take when an event occurs under **Triggered Action & File Name** section.

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.