

A large, stylized blue 'M' logo with a white outline, set against a background of light gray geometric lines and a shadow.

# Milesight Release Note for Intelligent Traffic Camera

Firmware Version: T\_45.8.0.3-LPR\*-r6

Applicable Model: MS-Cxxxx-xLxC / TSxxxx-xxC

Release Date: 24<sup>st</sup> May, 2023

## 1. Overview

Milesight, the best-in-class AIoT surveillance solution provider who manufactures products with superior image quality, exceptional flexibility and reliability for the global market, is pleased to announce the release of the new firmware version T\_45.8.0.3-LPR\*-r6 of Milesight Intelligent Traffic Camera.

In this version, Milesight Intelligent Traffic Camera achieves many brand new functions to manage the traffic more easily, such as **Violation Management** including **No Plates Event**, **Reverse Driving Event**.

Besides, there are many other user-friendly features waiting to be explored. You will have a different experience with this version.

## 2. Firmware link

Firmware	Download Link
T_45.8.0.3-AM-r6	<a href="https://drive.google.com/file/d/1G1Xq3NpTUuj5oTgcteQLykPj9PrmTRh9/view?usp=sharing">https://drive.google.com/file/d/1G1Xq3NpTUuj5oTgcteQLykPj9PrmTRh9/view?usp=sharing</a>
T_45.8.0.3-AP-r6	<a href="https://drive.google.com/file/d/1jv3CnQ1oqe7AjnHF1z-UgnbheY_cx1Rm/view?usp=sharing">https://drive.google.com/file/d/1jv3CnQ1oqe7AjnHF1z-UgnbheY_cx1Rm/view?usp=sharing</a>
T_45.8.0.3-EU-r6	<a href="https://drive.google.com/file/d/1zEcUtryTzQSLHe3dPG4Du1gtDmkFLyzh/view?usp=sharing">https://drive.google.com/file/d/1zEcUtryTzQSLHe3dPG4Du1gtDmkFLyzh/view?usp=sharing</a>
T_45.8.0.3-ME-r6	<a href="https://drive.google.com/file/d/1lq_XN8nriJhYSWZnlfQXK6OMbuWHLuf2/view?usp=sharing">https://drive.google.com/file/d/1lq_XN8nriJhYSWZnlfQXK6OMbuWHLuf2/view?usp=sharing</a>

**Note:**

If you failed to get the upgrade firmware through clicking the link directly, please copy the link to browser manually.

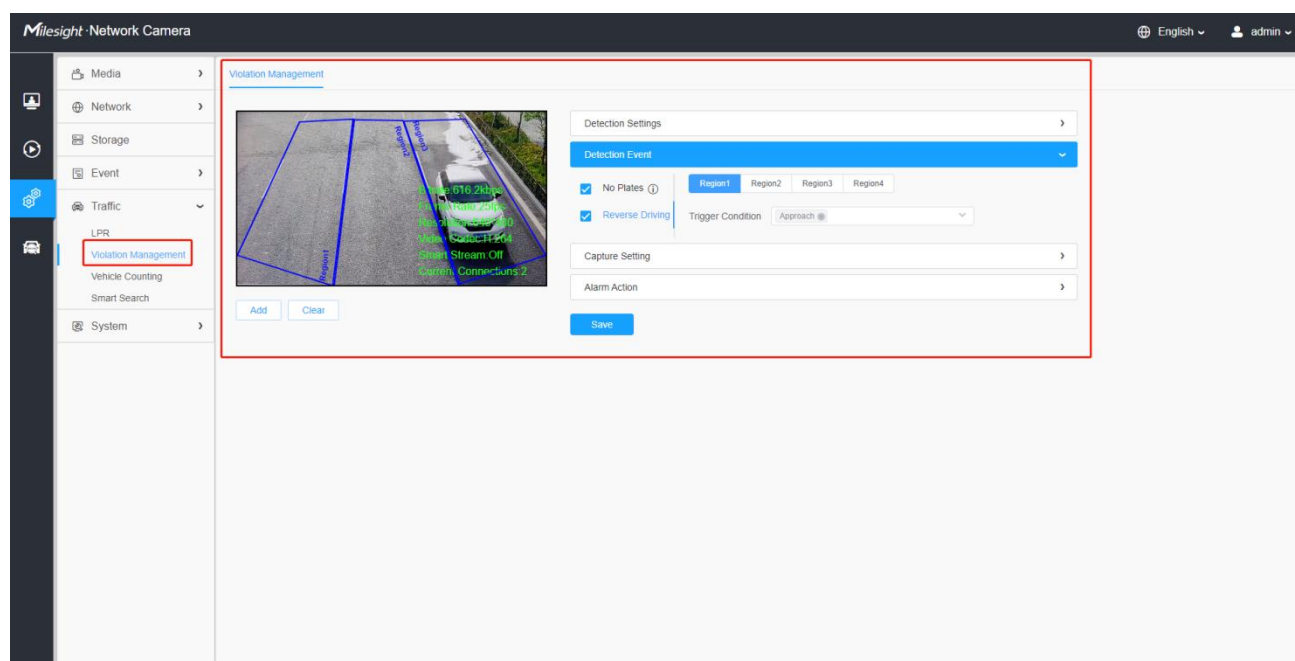
## 3. What's new

### 3.1 New Features

1) Add **Violation Management** for Road Traffic Management and launch more dedicated traffic application functions to further enhance the professionalism of traffic series. And the current violation management includes No Plates Detection Event and Reverse Driving Detection Event.

① The **No Plates Detection Event** can detect and alarm vehicles without license plates in the detection region, which facilitates traffic control and ensures road safety.

② The **Reverse Driving Detection Event** can detect and capture vehicles driving in the opposite direction in different detection areas and trigger the corresponding alarms to ensure road safety.



**Violation Management**

Recognition Result: HMO

Plate Type: Visitor, Plate Color: Blue, Vehicle Type: Van, Vehicle Color: White, Speed: -, Direction: Approach

No.	Event Type	License Plate	Snapshot	Plate Type	Speed	Direction	Detection Region	Time	Operation
5	Reverse Driving	HMO		Visitor	-	↓ Approach	1	2023-05-25 19:56:53.618	Q
4	No Plates	lates	-	No Plates	-	-	1	2023-05-25 19:56:09.506	Q
3	Reverse Driving	F853		Visitor	-	↓ Approach	1	2023-05-25 19:56:06.847	Q
2	Reverse Driving	835		Visitor	-	↓ Approach	1	2023-05-25 19:56:03.150	Q
1	Reverse Driving	lv866		Visitor	-	↓ Approach	3	2023-05-25 19:56:01.000	Q

- ③ Several capture modes such as **Violation Event Capture / License Plate Capture / Target Capture** can be configured for violation management to provide users with sufficient and effective basis for traffic control.

**Violation Management**

Detection Settings

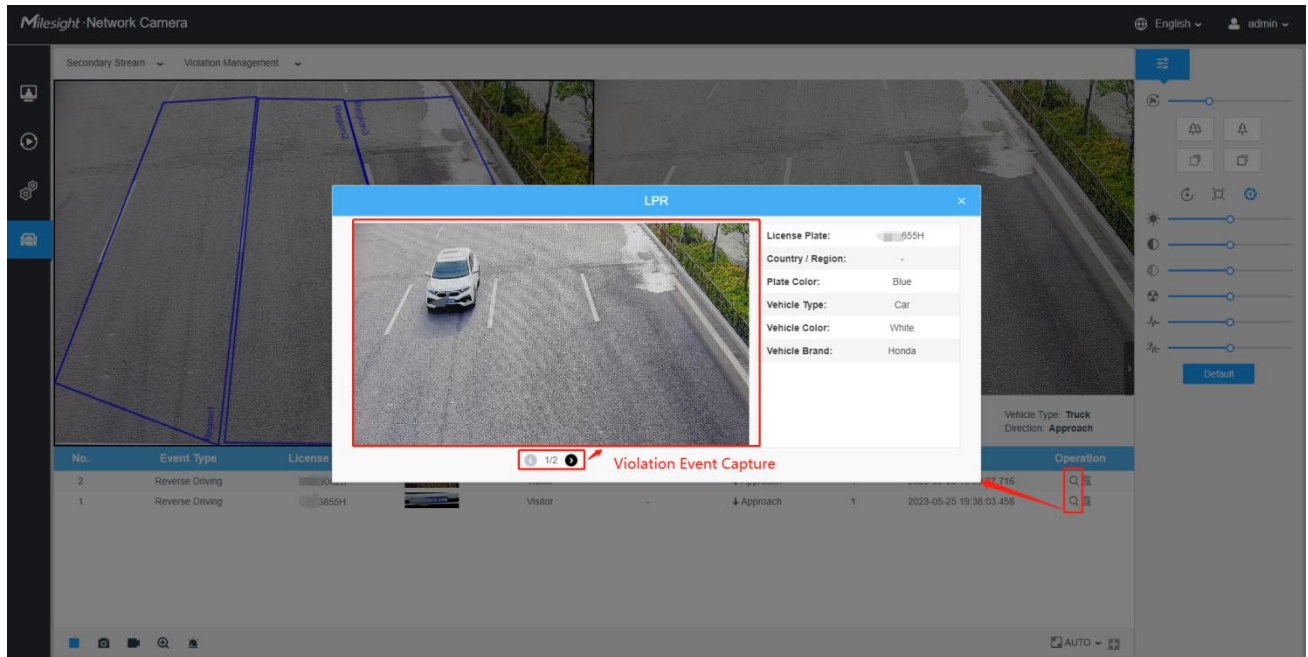
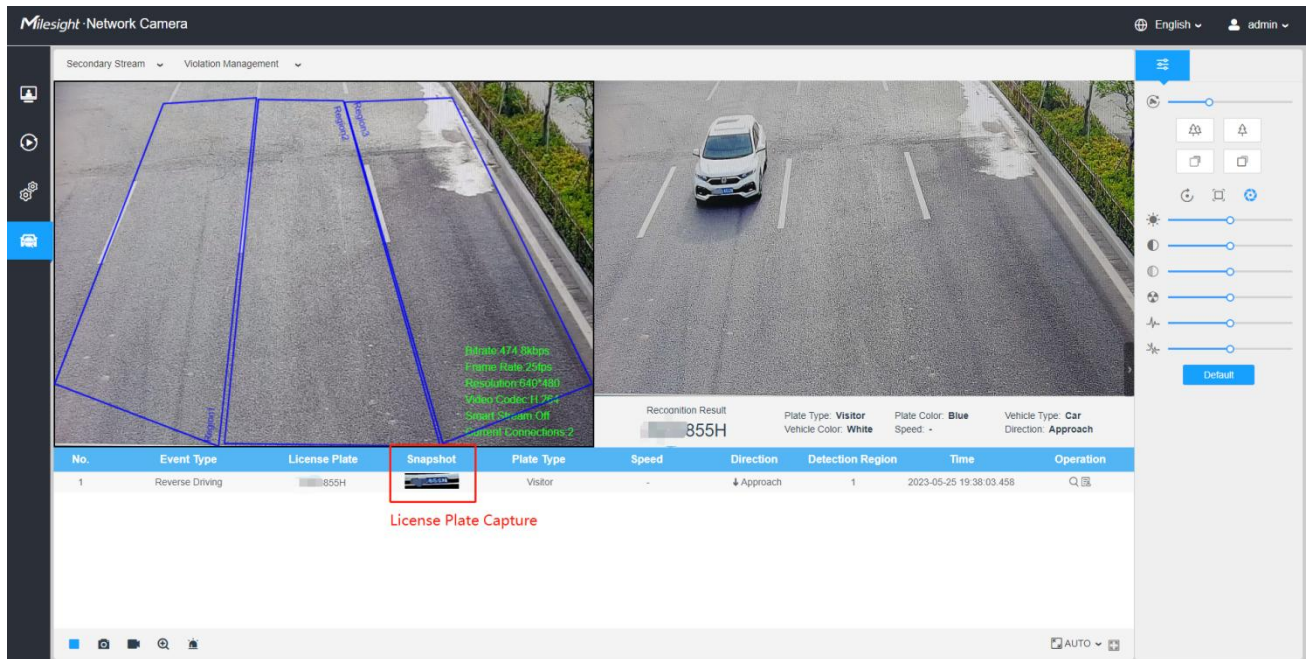
Detection Event

**Capture Setting**

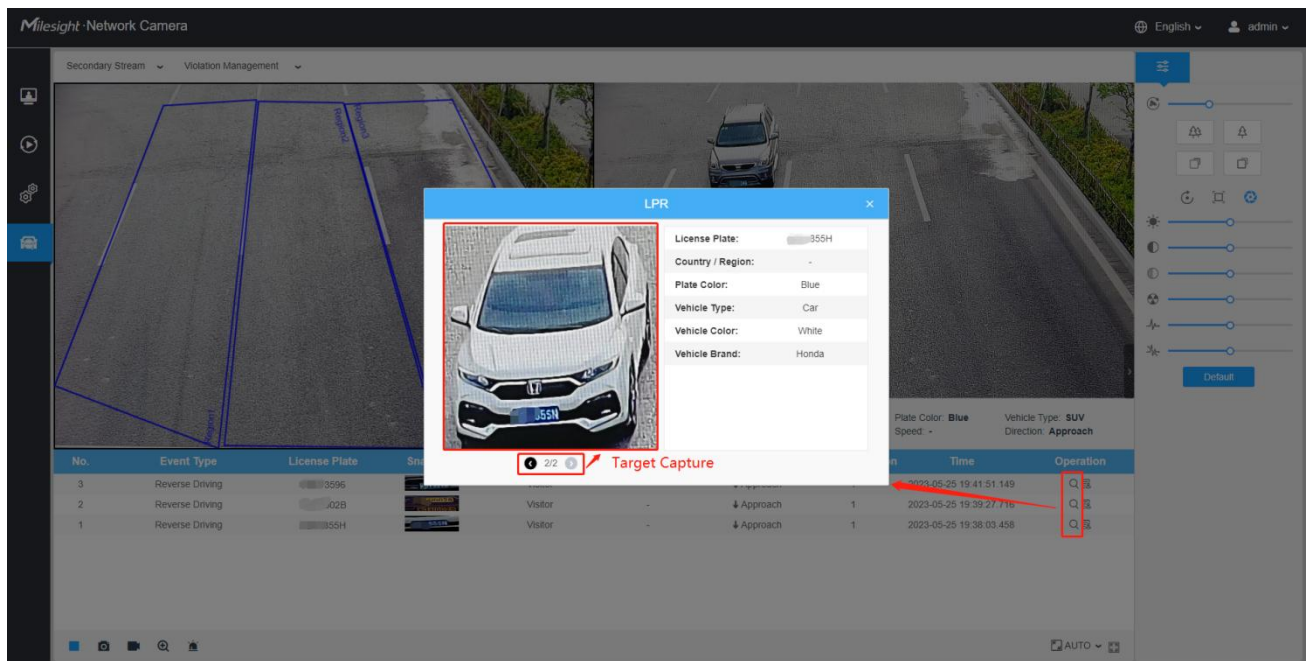
- Violation Event Capture ☒
- License Plate Capture ☒
- Target Capture ☒

Alarm Action

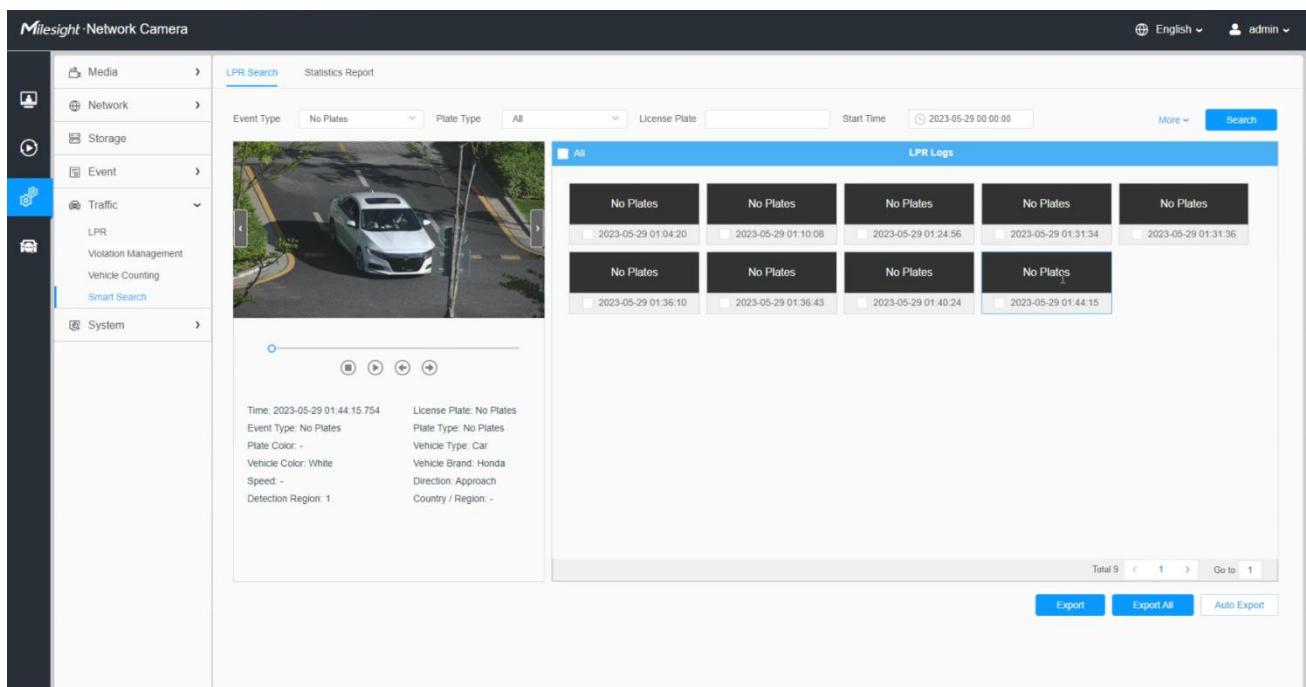
Save







④ Smart Search interface can filter results of No Plates Event or Reverse Driving Event.



**Note:**

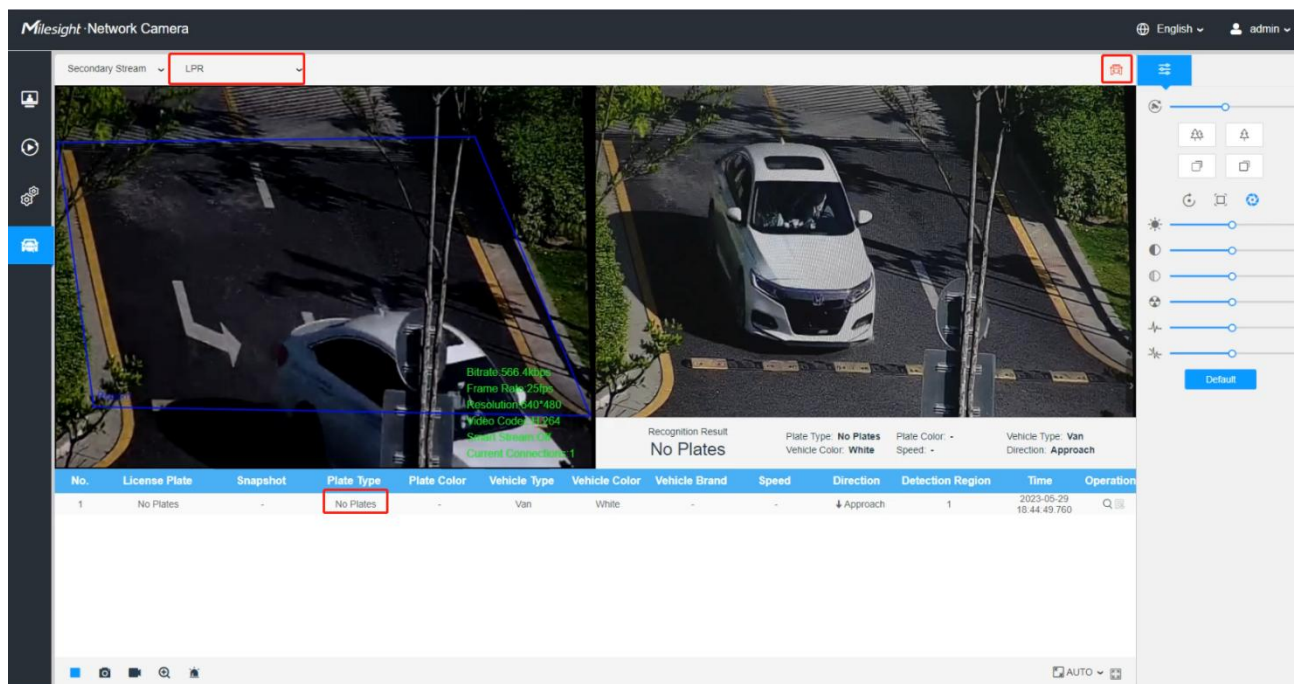
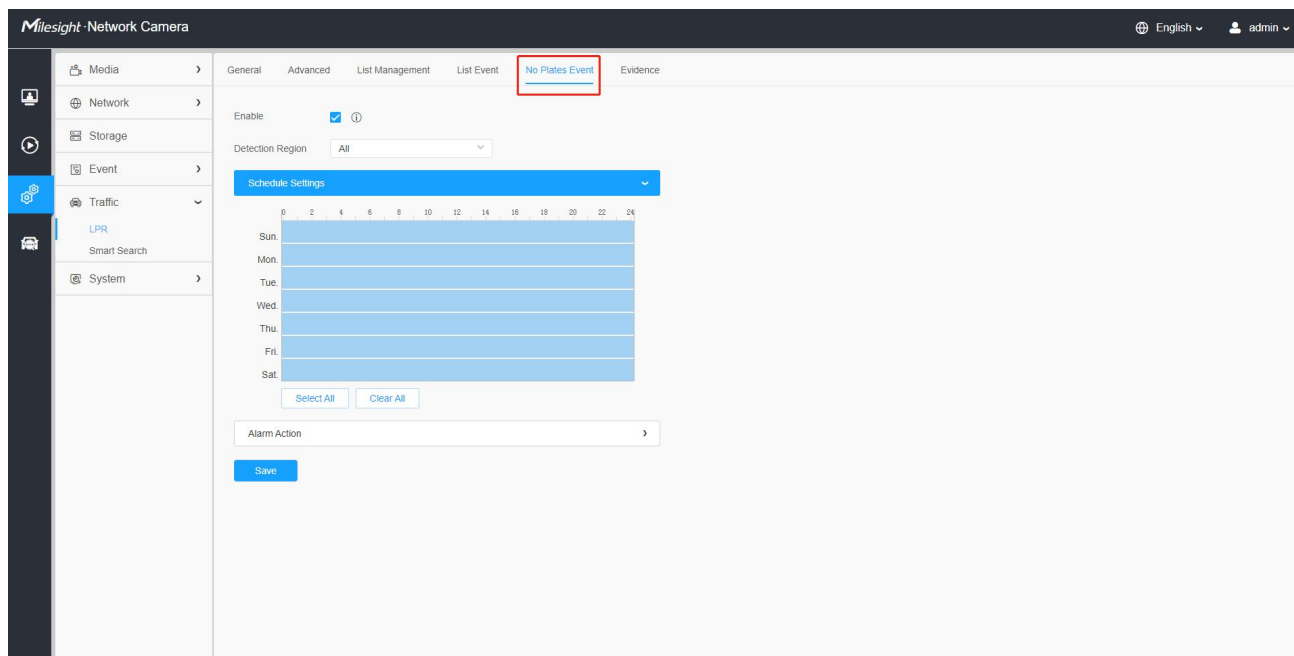
- Please make sure your camera model is TSxxxx-xxC.
- When no plates detection event is enabled, the LPR will switch to vehicle priority mode.
- You can draw on the video to set Detection Regions. And the violation management detection region is synchronize with the LPR.

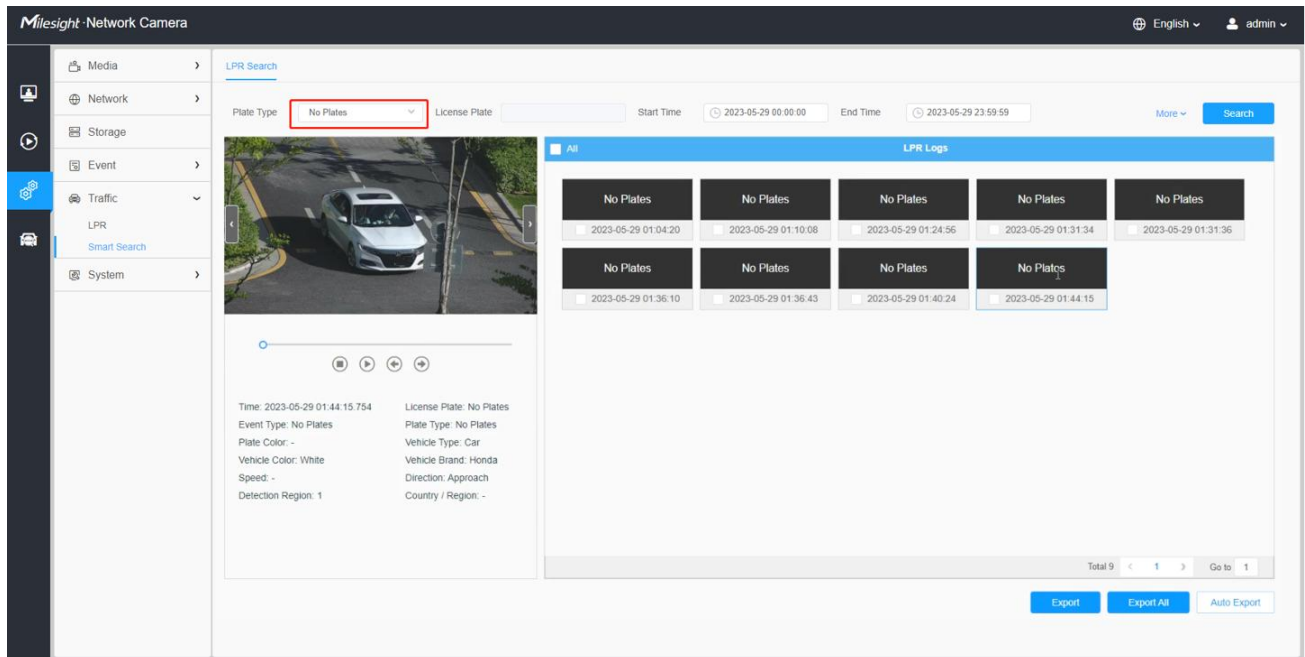
2) Add **No Plates Detection Event** for Entrance & Exit Management to detect vehicles without license

plates in the area and trigger the alarm accordingly, which greatly helps the management and control of vehicles at the entrance/exit. It also supports smart search for related content of the event.

**Note:**

- Please make sure your camera model is MS-Cxxxx-xLxC.





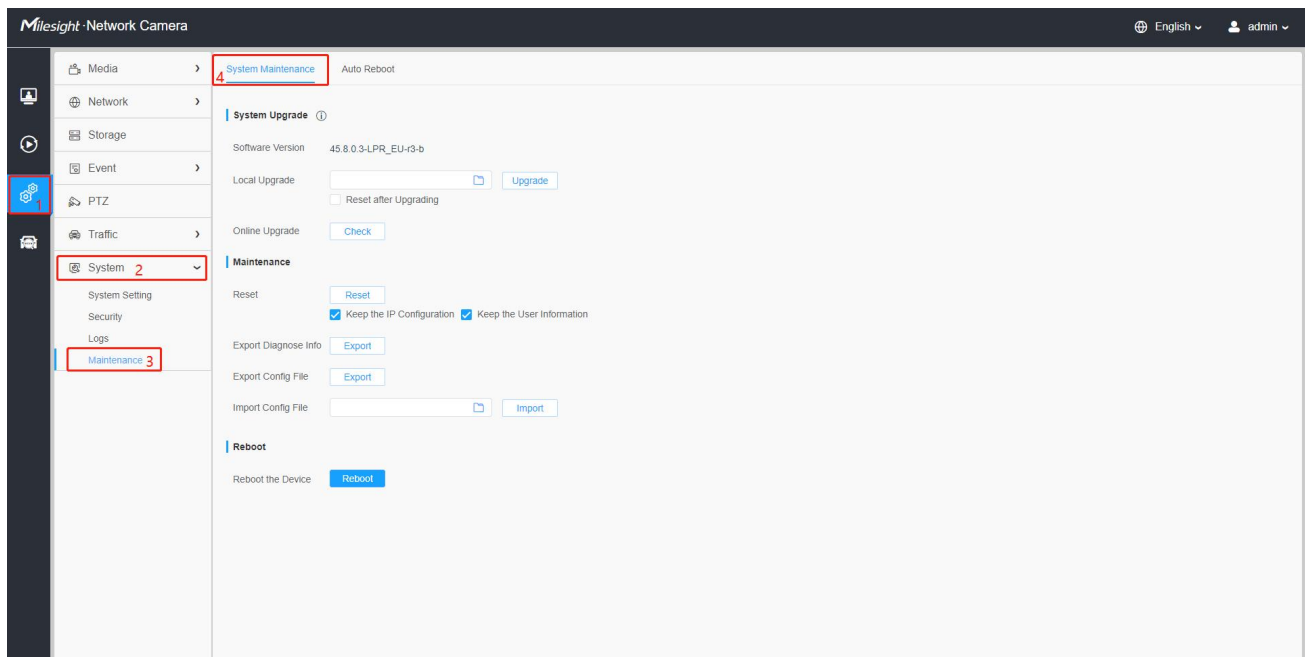
## 3.2 Optimizations

- 1) Add LPR function applicable to Romania with high algorithmic accuracy.

## 4. Upgrade Steps

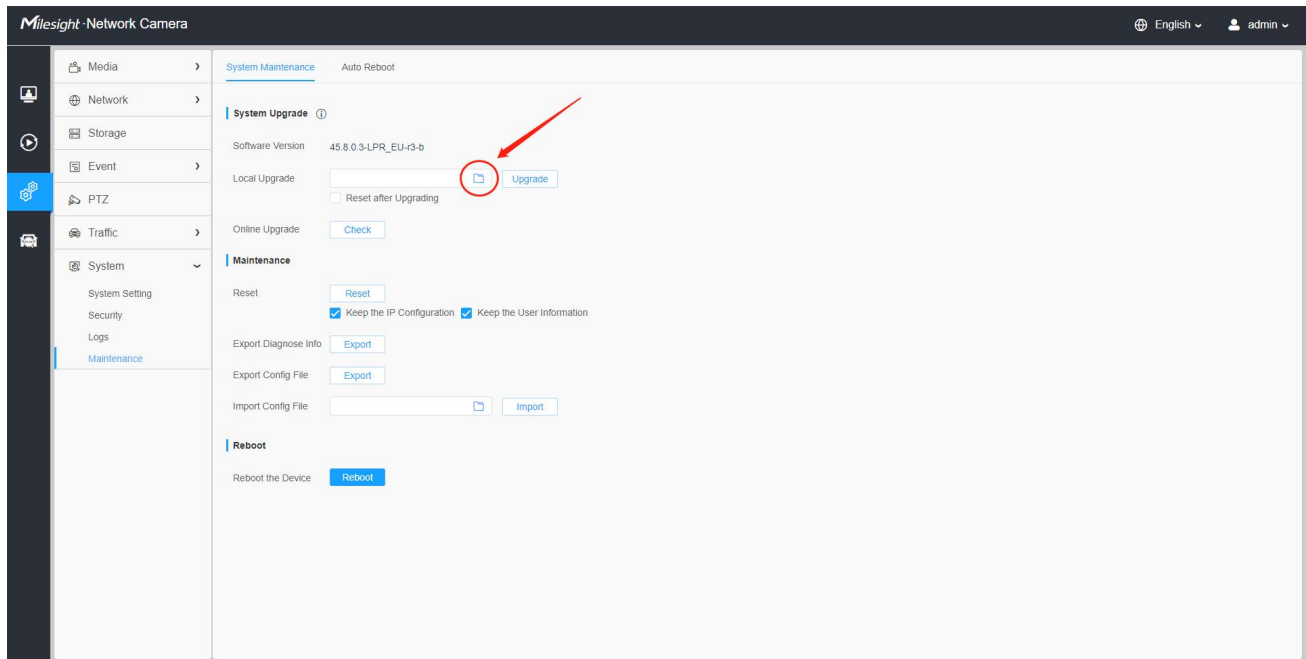
Please check each model with the right firmware version as mentioned above, then upgrade as the following steps:

**Step 1:** Go to the web page of Camera, Settings -> System -> Maintenance -> System Maintenance.

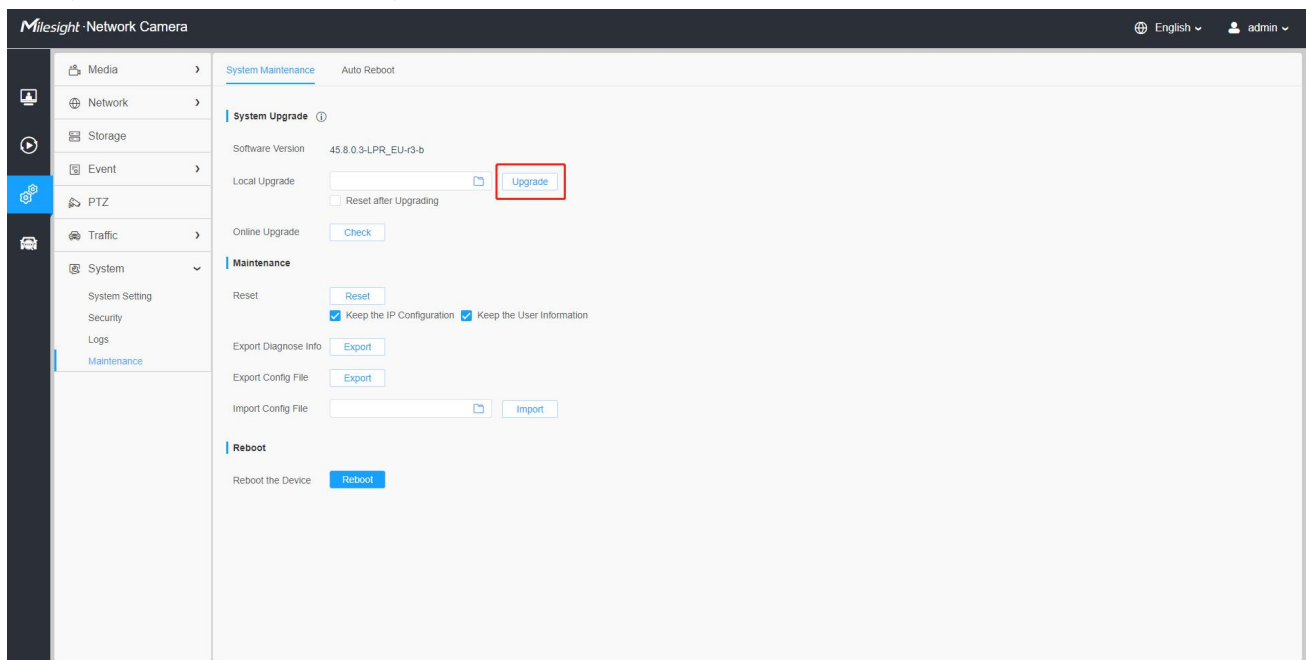


**Step 2:** Choose file for the upgrade.





**Step 3:** Click the "Upgrade" button, then please wait about 1~3 minutes. The upgrade will be done after the system reboots successfully.



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