

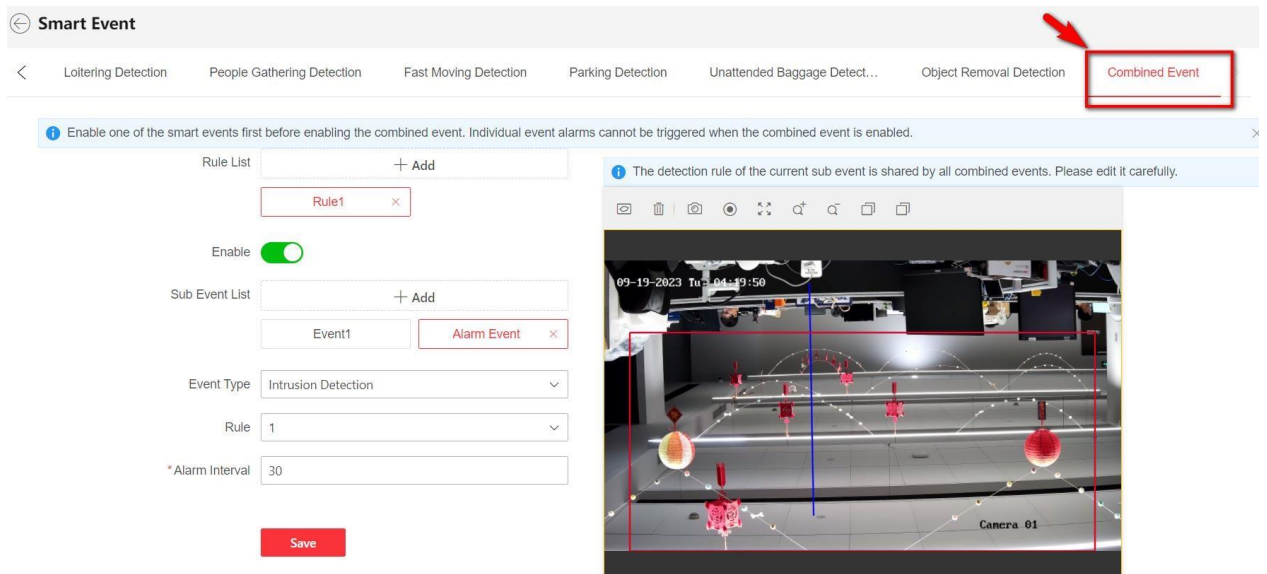
## Network Camera Firmware Version: V5.8.40 Release Note

<b>Firmware Basic Information</b>	Firmware Version:	V5.8.40 build 230909 V5.8.40 build 231023
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### 1. New Features

- Newly support combined alarm on Smart Event mode.
  - 1) Support choose intrusion detection, line crossing detection, region entrance detection and region exiting detection as combination events.
  - 2) Support add up to 4 combined event rules. Each rules supports add up to 4 sub events.

**Note:** The combined event can be performed only after the required perimeter alarm rules are configured.



- 3) Support configure alarm interval (1~60s), default value is 30s. It is the maximum interval between different perimeter events triggered within a combined alarm.

Rule List + Add  
Rule1 x

Enable

Sub Event List + Add  
Event1 Alarm Event x

Event Type: Intrusion Detection

Rule: 1

\*Alarm Interval: 30

Save

**Note:** Individual event alarms cannot be triggered when the combined event is enabled. The alarm is triggered only when the same target triggers all events in the combined alarm in sequence.

- Smart event mode newly support configure custom alarm text for HTTP listening alarm. Support configure up to 512 characters.

Smart Event

Intrusion Detection Line Crossing Detection Region Entrance Detection Region Exiting Detection

Linkage Method

Audio Linkage

Send Email

Notify Surveillance Center

Upload to FTP/Memory Card/NAS

Trigger Alarm Output  Select All  
 A->1

Recording Linkage  Select All  
 A1

CustomAlarm CustomAlarm

Save

Edit

Server IP Address1

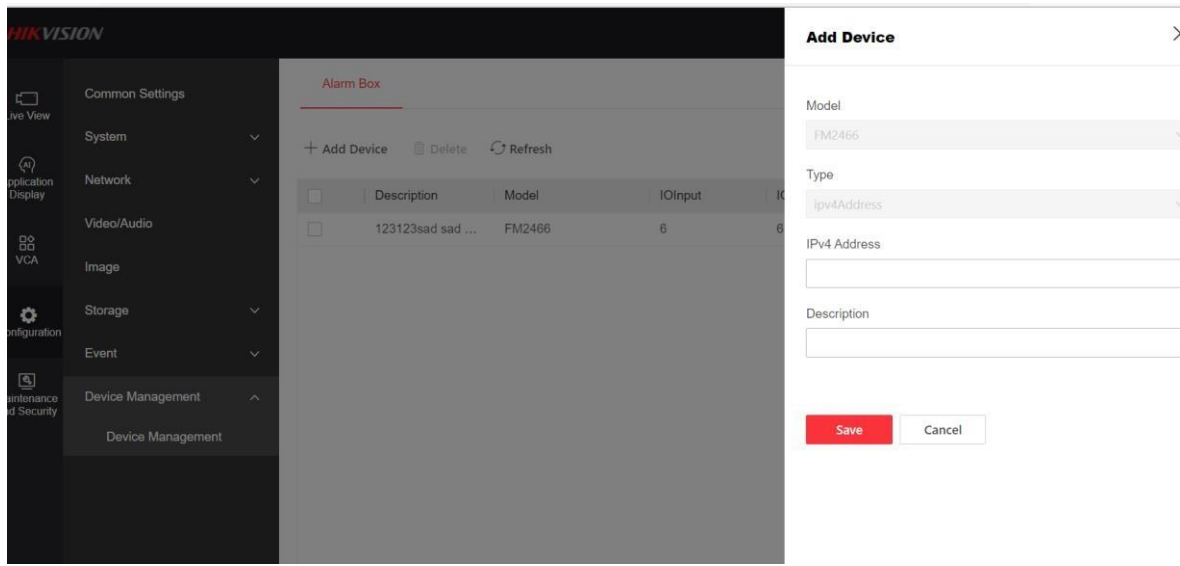
Alarm Server: test

Server IP Address2

Server IP Address3

Save Cancel

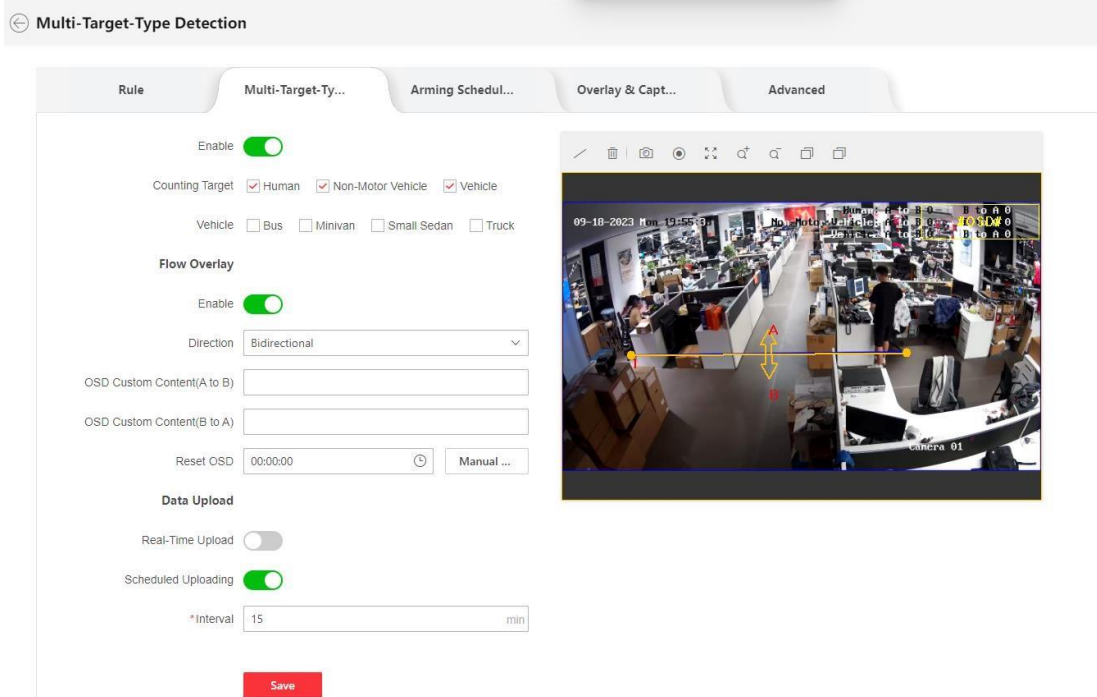
- Newly support add DS-2FM2466 alarm box to extend the alarm input and output interfaces.



## A. Non-ANPR model (without /P):

- Newly support multi-target counting function on Multi-Target-Type Detection mode.
  - 1) Support count human, Non-Moto Vehicle and Vehicle respectively.
  - 2) Support draw a counting rule and count forward, reverse and bidirectional direction flow.
  - 3) Support OSD overlay the counting number.
  - 4) Support search Multi-Target-Type Counting Statistics report on Application Display page.

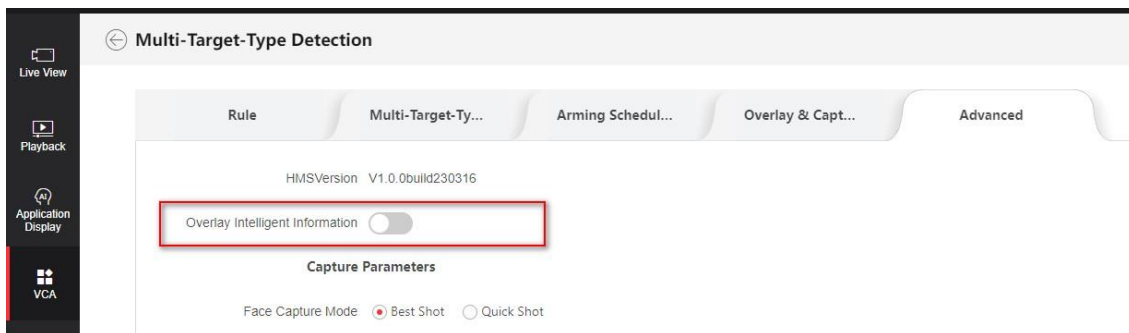
Note: Report is stored in the camera's EMMC and do not require install SD card.



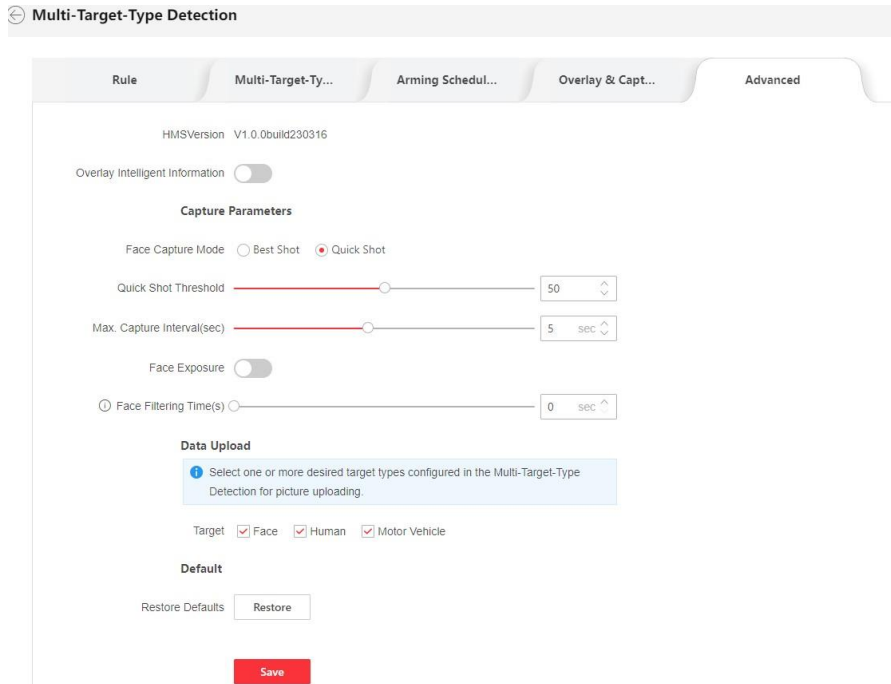
The screenshot shows the 'Multi-Target-Type Counting Statistics' interface. It includes a sidebar with navigation options and a main table showing counting statistics for various target types over time.

Statistics Time	Human	Non-Motor Vehicle	Vehicle	Bus	Minivan	Small Sedan	Truck
2023-09-18T00:00:00+	0	0	0	0	0	0	0
2023-09-18T01:00:00+	0	0	0	0	0	0	0
2023-09-18T02:00:00+	0	0	0	0	0	0	0
2023-09-18T03:00:00+	0	0	0	0	0	0	0
2023-09-18T04:00:00+	0	0	0	0	0	0	0
2023-09-18T05:00:00+	0	0	0	0	0	0	0
2023-09-18T06:00:00+	0	0	0	0	0	0	0
2023-09-18T07:00:00+	0	0	0	0	0	0	0
2023-09-18T08:00:00+	0	0	0	0	0	0	0
2023-09-18T09:00:00+	0	0	0	0	0	0	0
2023-09-18T10:00:00+	0	0	0	0	0	0	0
2023-09-18T11:00:00+	0	0	0	0	0	0	0

- Multi-Target-Type Detection mode newly support enable pos information on VCA→Multi-Target-Type Detection→ Advanced→ enable Overlay Intelligent Information.

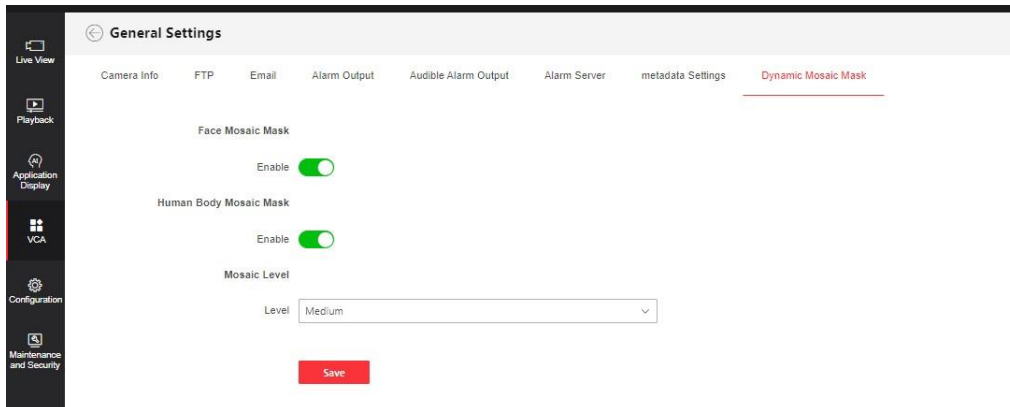


- Multi-Target-Type Detection mode newly support choose Quick Shot mode.

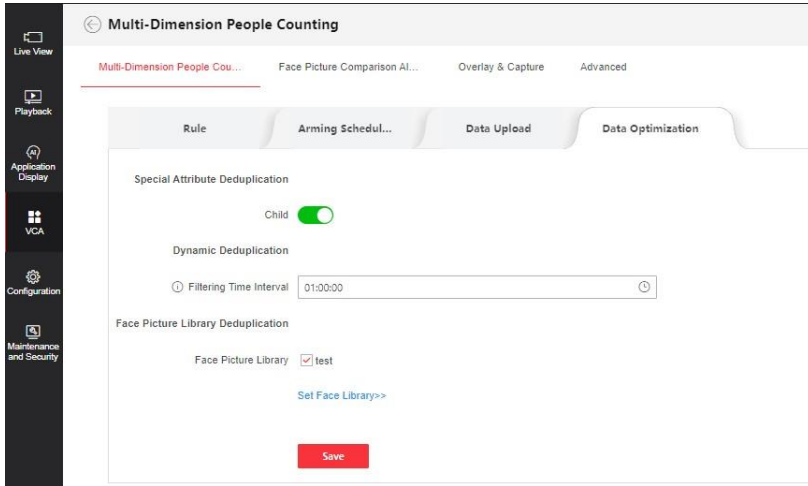


- Newly support Face Mosaic Mask and Human Body Mosaic Mask on Face Capture, Face Picture Comparison and Multi-Target-Type Detection mode.

**Note: Only 2MP & 4MP model support**



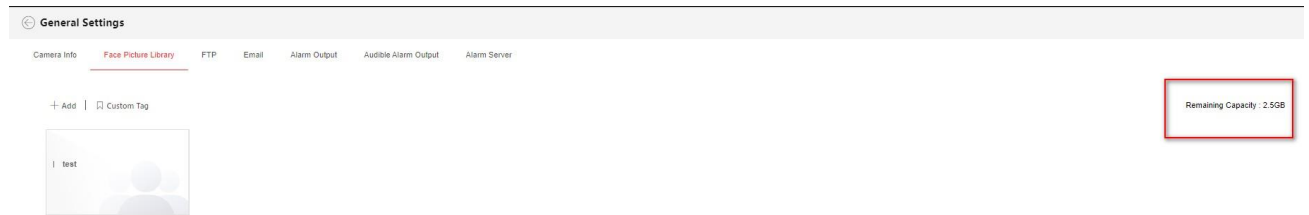
- Multi-Dimension People Counting mode support attribute deduplication function. When deduplication is enabled, the attribute of the repeated target are also consider as deduplication.



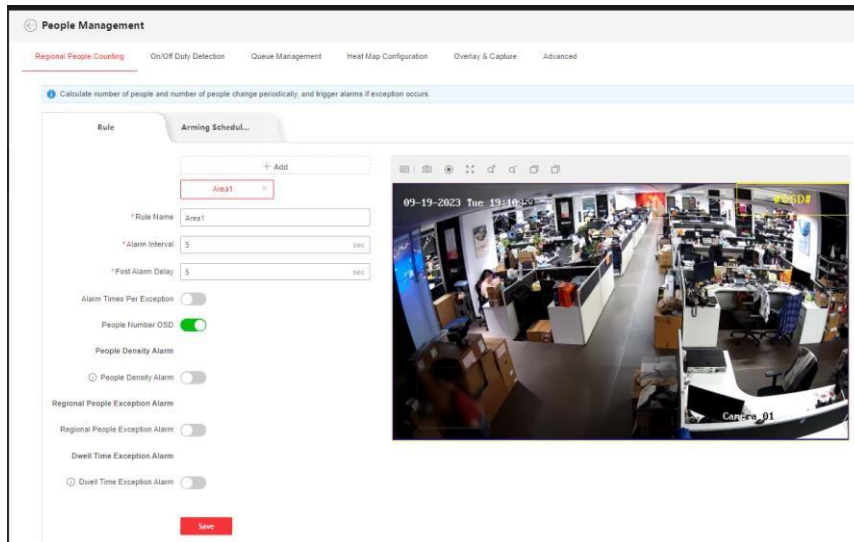
Statistics Timeinterval	People Entered	People Exited	Duplicate
07:00:00-07:30:00	0	0	0
08:00:00-08:30:00	0	0	0
09:00:00-09:30:00	0	0	0
10:00:00-10:30:00	0	0	0
11:00:00-11:30:00	0	0	0
12:00:00-12:30:00	0	0	0
13:00:00-13:30:00	0	0	0
14:00:00-14:30:00	0	0	0
15:00:00-15:30:00	0	0	0
16:00:00-16:30:00	0	0	0
17:00:00-17:30:00	0	0	0
18:00:00-18:30:00	0	0	0
19:00:00-19:30:00	16	15	15
20:00:00-21:00:00	15	17	15
21:00:00-21:30:00	0	0	0
22:00:00-22:30:00	0	0	0
23:00:00-23:30:00	0	0	0

Statistics Timeinterval	Male	Female	Unknown
07:00:00-07:30:00	0	0	0
08:00:00-08:30:00	0	0	0
09:00:00-09:30:00	0	0	0
10:00:00-10:30:00	0	0	0
11:00:00-11:30:00	0	0	0
12:00:00-12:30:00	0	0	0
13:00:00-13:30:00	0	0	0
14:00:00-14:30:00	0	0	0
15:00:00-15:30:00	0	0	0
16:00:00-16:30:00	0	0	0
17:00:00-17:30:00	0	0	0
18:00:00-18:30:00	0	0	0
19:00:00-19:30:00	1	0	0
20:00:00-21:00:00	1	1	0
21:00:00-21:30:00	0	0	0
22:00:00-22:30:00	0	0	0
23:00:00-23:30:00	0	0	0

- Face Picture Library support display remaining capacity.



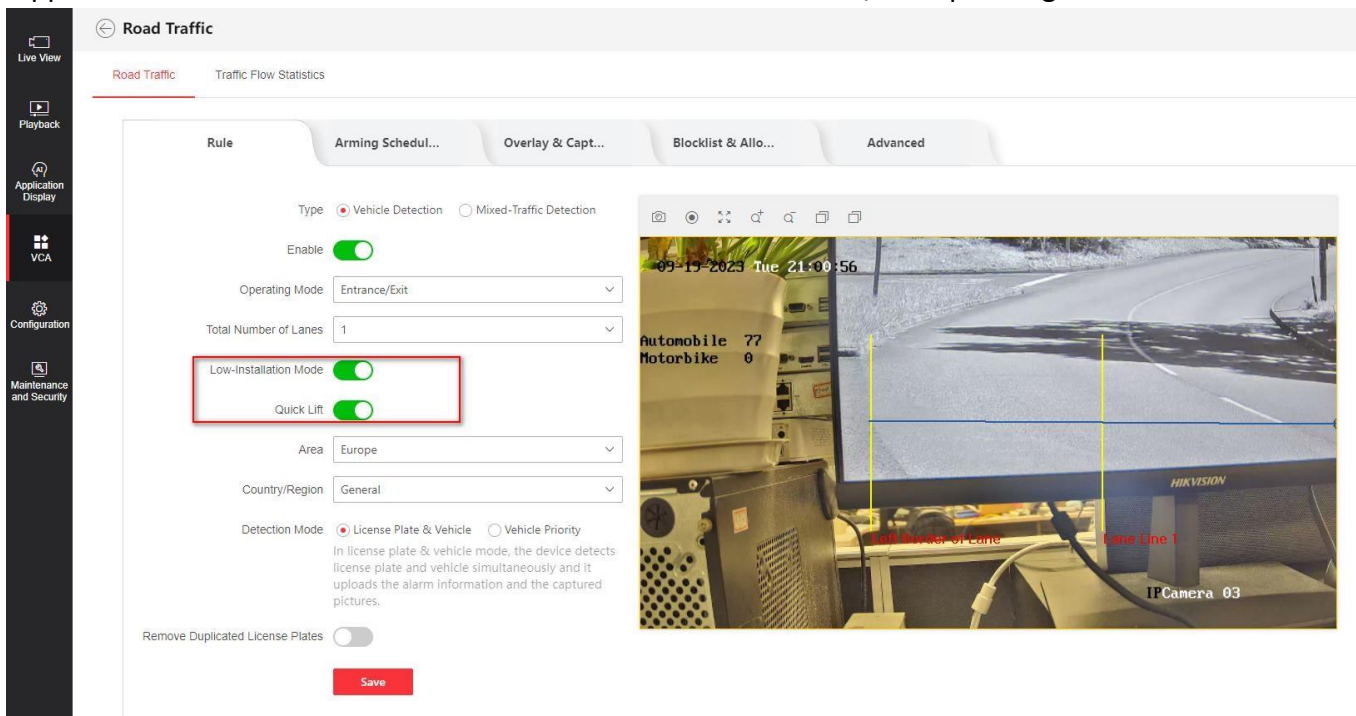
- People management mode support regional people counting function.



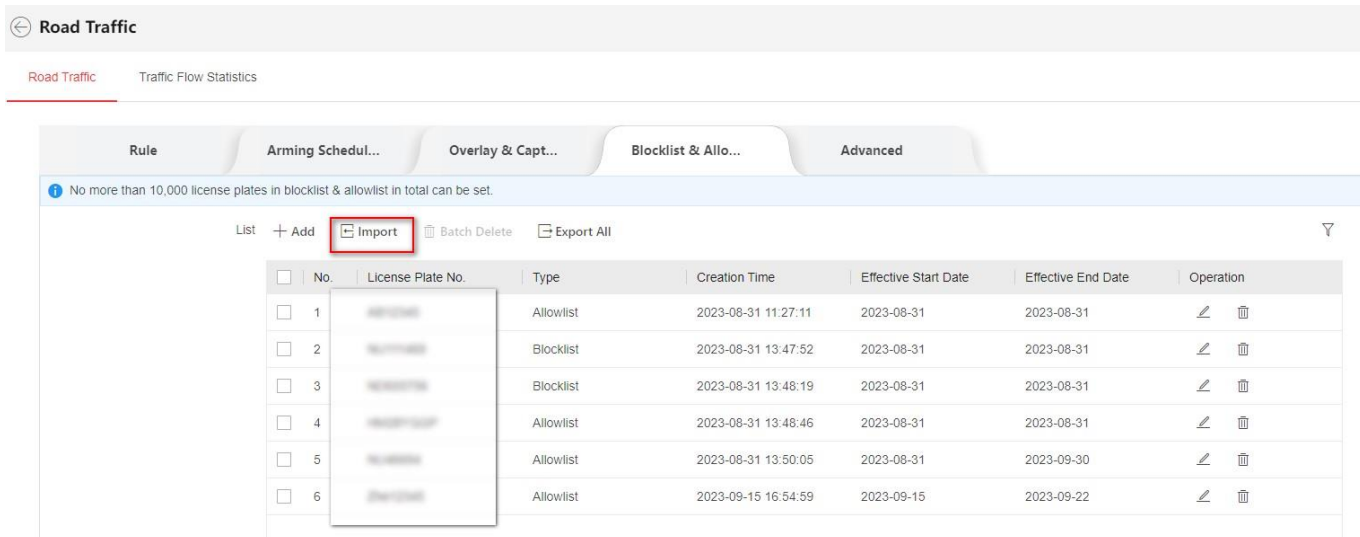
- AIOP mode newly add Model authorization validity check: When the validity period expires, the model will stop running and is not allowed to start again.

## B. ANPR model (with /P):

- Support Low-Installation Mode and Quick Lift function on Entrance/Exit operating mode.



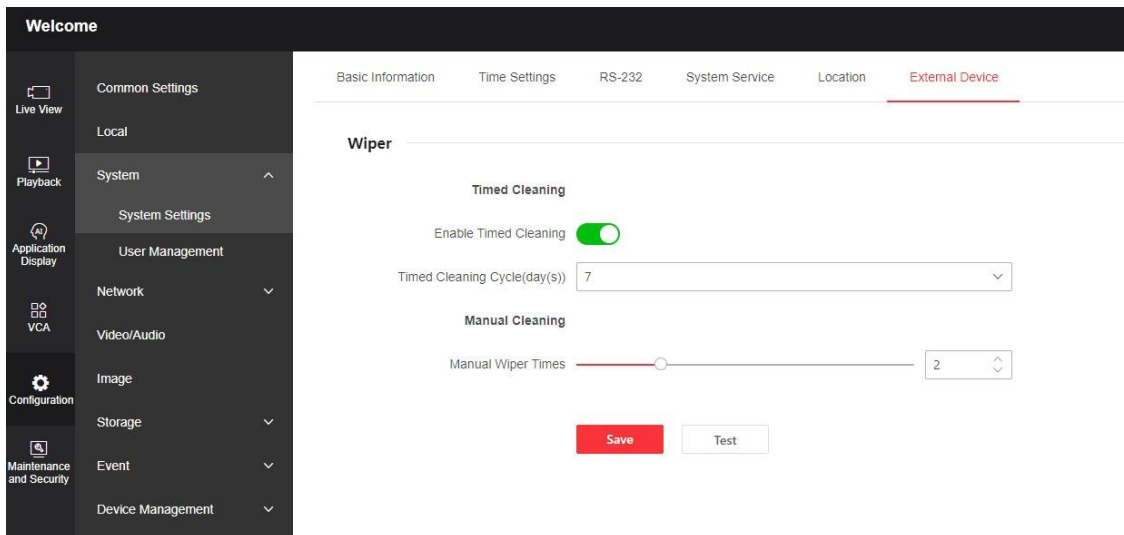
- Blocklist & Allowlist support import files in 4 formats: CSV, excel, xml and xlsx.



## C. Self-Cleaning Model (Newly released):

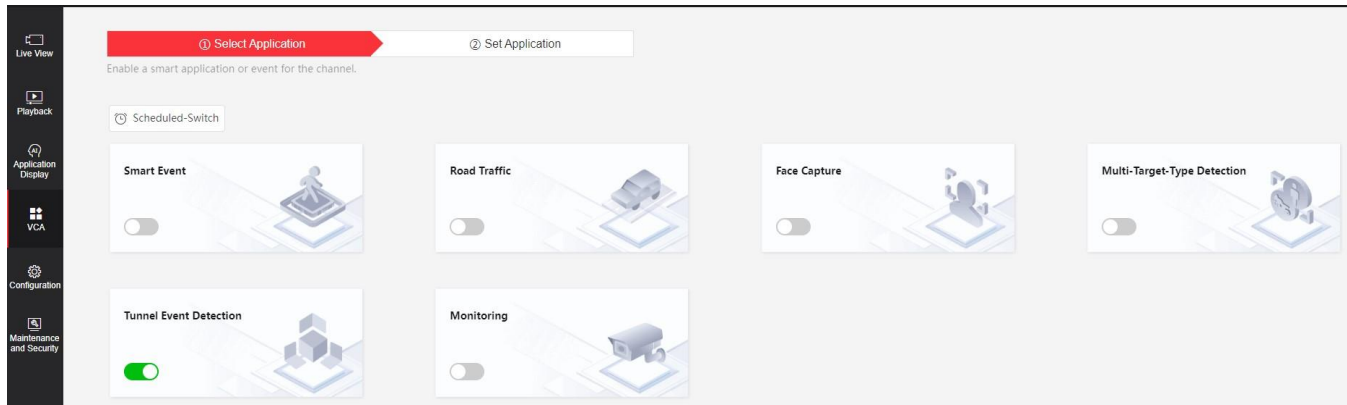
- Newly released Self-Cleaning model: iDS-2CD8A47G0/SC-ZY(2.8-12mm) and iDS-2CD8A47G0/SC-ZY(8-32mm). With the built-in 2 L large-capacity water box for cleaning the camera window, support enable timing cleaning on **Configuration**→**System**→**System Settings** page.

### Settings page.

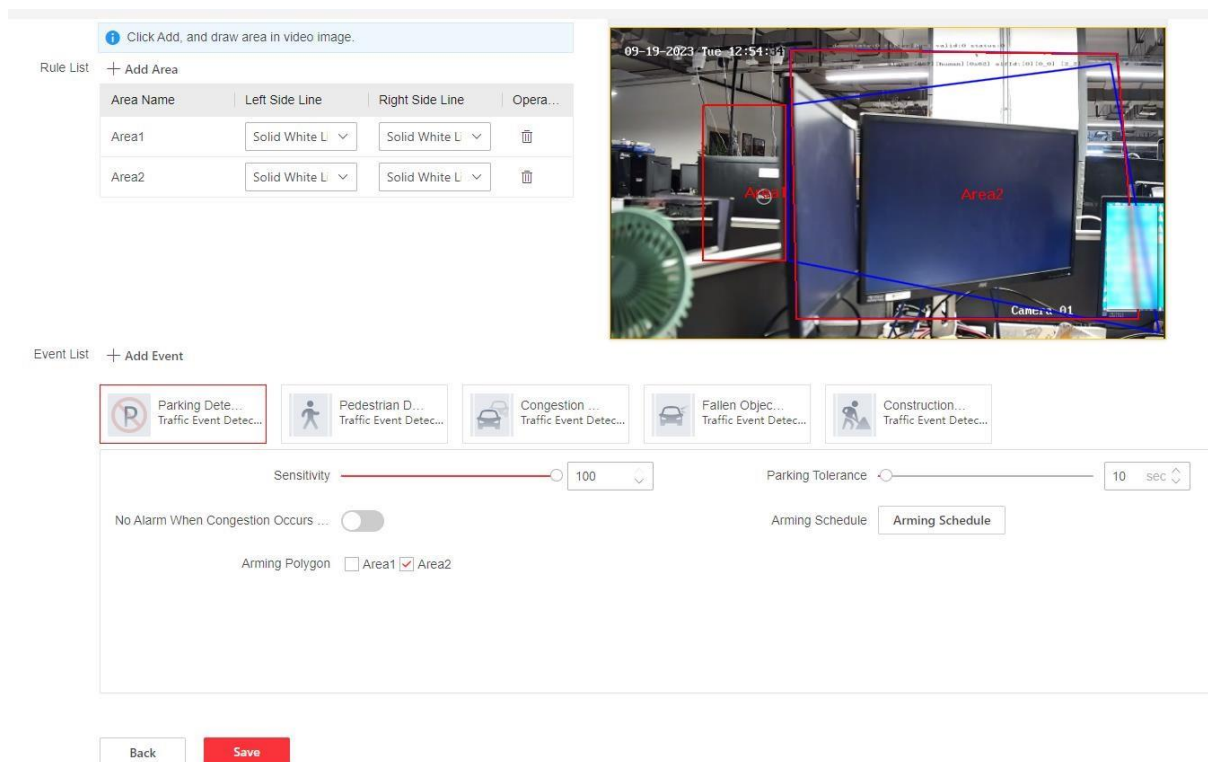


- Support Smart Event, Road Traffic, Face Capture, Multi-Target-Type Detection, Tunnel Event Detection and Monitoring VCA resource switchable.





- On Tunnel Event Detection mode, the camera supports fallen object detection, pedestrian detection, parking detection, congestion detection and construction detection.



## 2. Modify Features

**V5.8.40 build 230909: NA**

**V5.8.40 build 231023:**

Fixed the issues of Multi-Target- Type Counting Statistics reporting

- 1) When the report type is set to all, the data of the vehicle is 0.
- 2) When counting direction is set to bidirectional, only the total data is displayed in the report, if select forward and reverse direction, the data shows 0.

## Customer Impact and Recommended Action

This update refers to function/compatibility improvement and will take effect automatically after the Date of Change. We are very sorry for any inconvenience of use-habit changes caused by this action. For any questions and request for this firmware, please contact our local technical support team.

### Remarks:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.
- Product design and specifications are subject to change without prior notice.
- The Hikvision firmware may contain errors known as errata which may cause the product to deviate from published specifications.  
Current characterized errata are available on request.
- Hikvision is not liable for any typing or printing errors.

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Supported Product List		
Product Category	Model Number	Platform Subtype
7 Series DeepinView Camera	iDS-2CD8A47G0/SC-ZY(8-32mm)	IPCG
7 Series DeepinView Camera	iDS-2CD8A47G0/SC-ZY(2.8-12mm)	IPCG
7 Series DeepinView Camera	iDS-2CD7586G0-IZHS(2.8-12mm)(C)	IPCG

7 Series DeepinView Camera	iDS-2CD7A86G0-IZHSY(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7A26G0-IZHS(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7A46G0-IZHS(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7A46G0/S-IZHS(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7A86G0-IZHS(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7186G0-IZS(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7186G0-IZS(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7146G0-IZS(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7526G0-IZHS(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7546G0-IZHS(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7546G0-IZHSY(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7546G0/S-IZHS(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7586G0-IZHSY(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7A46G0-IZHSY(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7A26G0-IZHSY(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7A26G0-IZHS(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7A46G0-IZHS(2.8-12mm)(C)	IPCG

7 Series DeepinView Camera	iDS-2CD7126G0-IZS(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7526G0-IZHS(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7526G0-IZHSY(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7526G0-IZHSY(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7546G0-IZHS(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7546G0/S-IZHS(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7586G0-IZHS(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7126G0-IZS(8-32mm)(C)	IPCG

7 Series DeepinView Camera	iDS-2CD7146G0-IZS(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7146G0/S-IZS(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7146G0/S-IZS(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7A26G0-IZHSY(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7A86G0-IZHS(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7A46G0-IZHSY(8-32mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7A86G0-IZHSY(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7046G0-AP(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7026G0-AP(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7547G0-XZHS(2.8-12mm)	IPCG
7 Series DeepinView Camera	iDS-2CD7546G0-IZHSY(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7587G0-XZHS(2.8-12mm)	IPCG
7 Series DeepinView Camera	iDS-2CD7146G0-IZS(8-32mm)(D)	IPCG
7 Series DeepinView Camera	iDS-2CD7146G0-IZS(2.8-12mm)(D)	IPCG
7 Series DeepinView Camera	iDS-2CD7126G0-IZS(8-32mm)(D)	IPCG
7 Series DeepinView Camera	iDS-2CD7126G0-IZS(2.8-12mm)(D)	IPCG
7 Series DeepinView Camera	iDS-2CD7126G0-IZHSY(2.8-12mm)(D)	IPCG
7 Series DeepinView Camera	iDS-2CD7186G0-IZS(8-32mm)(D)	IPCG
7 Series DeepinView Camera	iDS-2CD7186G0-IZS(2.8-12mm)(D)	IPCG
7 Series DeepinView Camera	iDS-2CD7A87G0-XZHS(2.8-12mm)	IPCG

7 Series DeepinView Camera	iDS-2CD7A47G0-XZHS(2.8-12mm)	IPCG
7 Series DeepinView Camera	iDS-2CD7A46G0/S-IZHS(2.8-12mm)(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7186G0-IZHSY(2.8-12mm)(D)	IPCG
7 Series DeepinView Camera	iDS-2CD7146G0-IZHSY(8-32mm)(D)	IPCG
7 Series DeepinView Camera	iDS-2CD7146G0-IZHSY(2.8-12mm)(D)	IPCG
7 Series DeepinView Camera	iDS-2CD7126G0-IZHSY(8-32mm)(D)	IPCG

7 Series DeepinView Camera	iDS-2CD7186G0-IZHSY(8-32mm)(D)	IPCG
7 Series DeepinView Camera	iDS-2CD7046G0-AP/F11(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7046G0-AP(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7587G0-XZHSY(2.8-12mm)	IPCG
7 Series DeepinView Camera	iDS-2CD7547G0-XZHSY(2.8-12mm)	IPCG
7 Series DeepinView Camera	iDS-2CD7046G0/S-AP(C)	IPCG
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7 Series DeepinView Camera	iDS-2CD7046G0-AP/F11(C)	IPCG
7 Series DeepinView Camera	iDS-2CD7A87G0-XZHSY(2.8-12mm)	IPCG
7 Series DeepinView Camera	iDS-2CD7A47G0-XZHSY(2.8-12mm)	IPCG
7 Series DeepinView Camera	iDS-2CD7A45G0-IZHS(4.7-118mm)	IPCG_LZ
7 Series DeepinView Camera	iDS-2CD7A45G0-IZS(4.7-118mm)	IPCG_LZ
7 Series DeepinView Camera	iDS-2CD7A45G0-IZHSY(4.7-118mm)	IPCG_LZ
7 Series DeepinView Camera	iDS-2CD7A45G0-IZSY(4.7-118mm)	IPCG_LZ
7 Series ANPR Camera	iDS-2CD7A46G0/P-IZHS(2.8-12mm)(C)	IPCG
7 Series ANPR Camera	iDS-2CD7A26G0/P-IZHS(8-32mm)(C)	IPCG
7 Series ANPR Camera	iDS-2CD7A46G0/P-IZHS(8-32mm)(C)	IPCG
7 Series ANPR Camera	iDS-2CD7A46G0/P-IZHSY(8-32mm)(C)	IPCG
7 Series ANPR Camera	iDS-2CD7A26G0/P-IZHSY(2.8-12mm)(C)	IPCG
7 Series ANPR Camera	iDS-2CD7A26G0/P-IZHS(2.8-12mm)(C)	IPCG
7 Series ANPR Camera	iDS-2CD7026G0/P-AP(C)	IPCG
7 Series ANPR Camera	iDS-2CD7547G0/P-XZHS(2.8-12mm)	IPCG
7 Series ANPR Camera	iDS-2CD7026G0/P-AP(C)	IPCG
7 Series ANPR Camera	iDS-2CD7046G0/P-AP(C)	IPCG
7 Series ANPR Camera	iDS-2CD7A46G0/P-IZHSY(2.8-12mm)(C)	IPCG
7 Series ANPR Camera	iDS-2CD7A26G0/P-IZHSY(8-32mm)(C)	IPCG
7 Series ANPR Camera	iDS-2CD7046G0/P-AP(C)	IPCG

7 Series ANPR Camera	iDS-2CD7547G0/P-XZHSY(2.8-12mm)	IPCG
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7 Series ANPR Camera	iDS-2CD7A47G0/P-XZHS(2.8-12mm)	IPCG
7 Series ANPR Camera	iDS-2CD7A45G0/P-IZHS(4.7-118mm)	IPCG_LZ
7 Series ANPR Camera	iDS-2CD7A45G0/P-IZHSY(4.7-118mm)	IPCG_LZ

*Note: Models in red font are newly released models.*