Network Camera Firmware Version: V5.8.10

Release Note

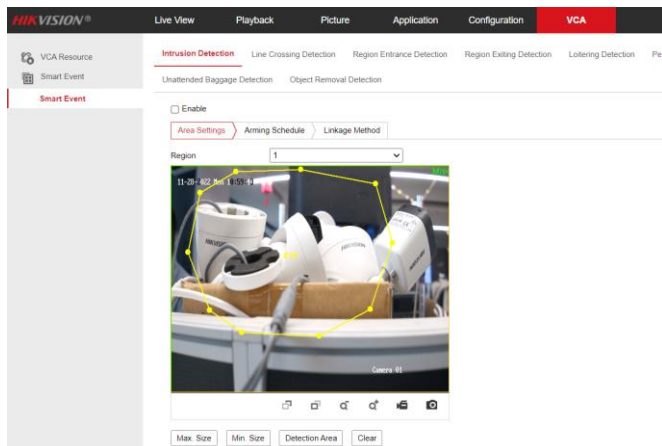| Firmware Basic Information		
	Firmware Version:	V5.8.10 build221108

1. New Features

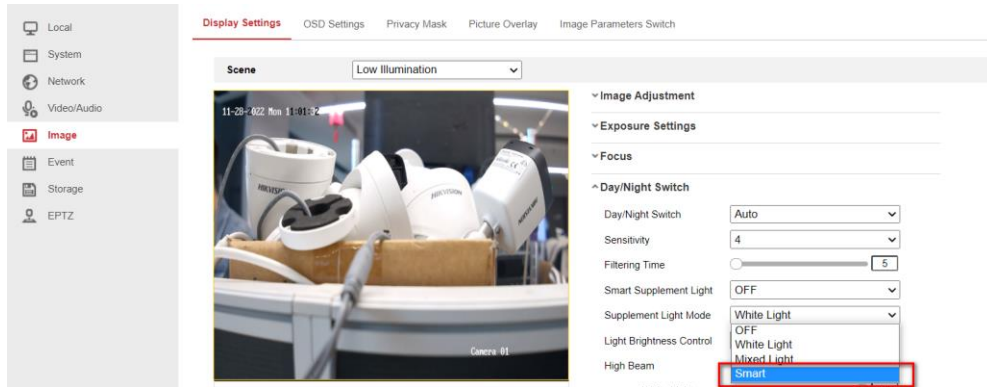### For Non-ANPR models（Model without /P）:

- Support metadata on Multi-Target-Type Detection mode.
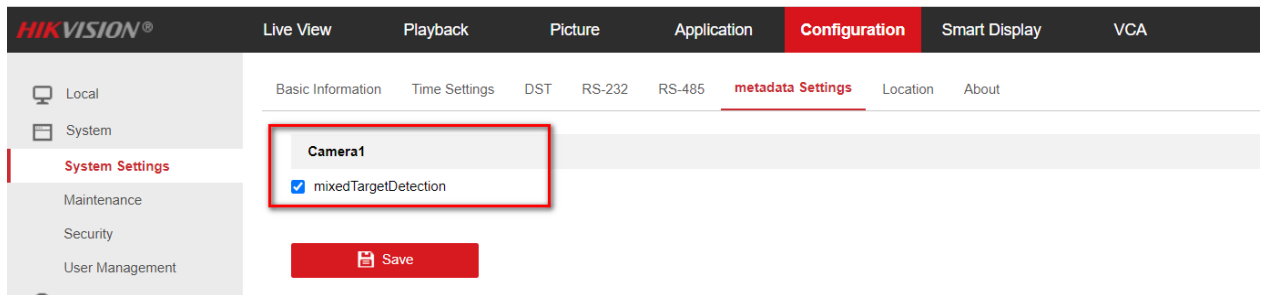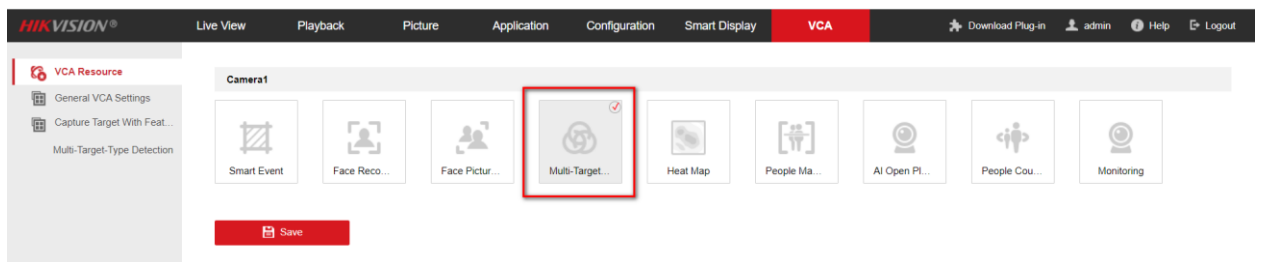
- Support drawing polygon detection area on Smart Event mode, maximum support 10 sides.

- Support smart supplement light on Smart Event mode, the default supplement light is IR, when the alarm is triggered, it can switch to white light mode. **(Only for 7xx7 model)**
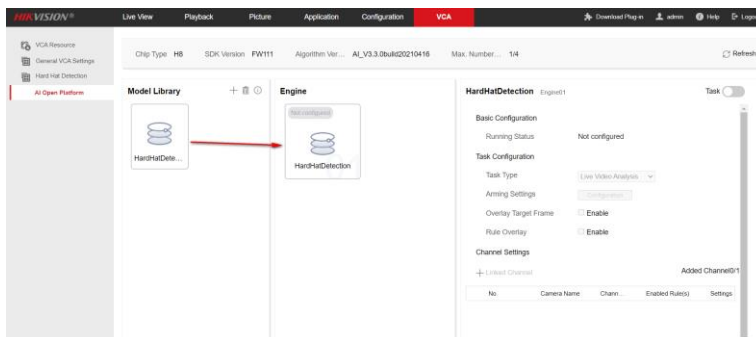
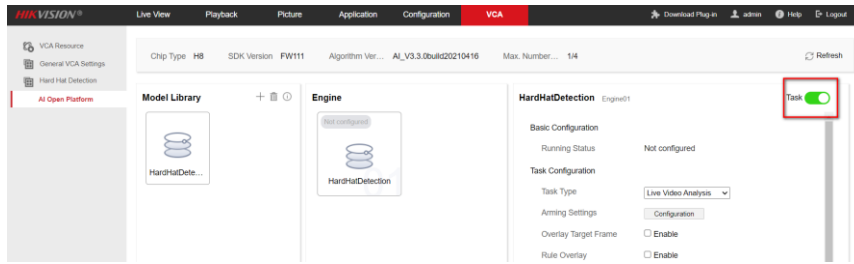- Newly add AIOP mode with built-in hard hat detection algorithm.
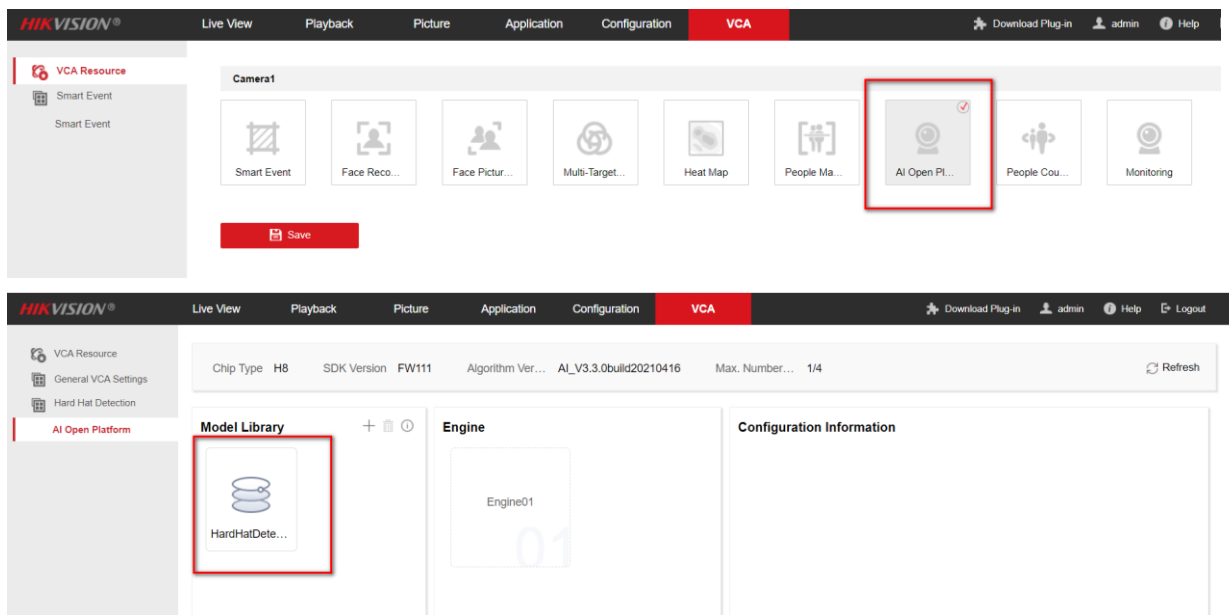
➢ **Hard Hat Detection:** it detects targets in the set monitoring region who do not wear the hard hat and triggers an alarm.

Steps:

1. Drag Hard Hat Detection model in Model Library to Engine to bind them.

2. Click **Hard Hat Detection** model in Engine and click Task to enable the function.

3. Select a task type.

   i. **Live Video Analysis:** The device analyzes the live video to realize target detection, tracking and result uploading.

   ii. **Scheduled Capture Analysis:** The device captures based on the set auto-switch interval to analyze the captured picture and upload results.

4. Click Configuration besides Arming Settings to set arming schedule and linkage method.

5. (Optional) Enable **Overlay Target Frame** and **Rule Overlay** according to your needs.

6. Set a linked channel.

   i. Click **Linked Channel** to select a channel.
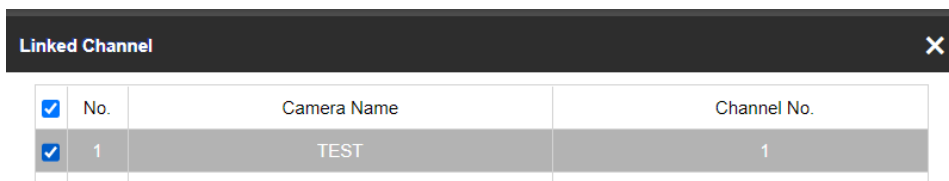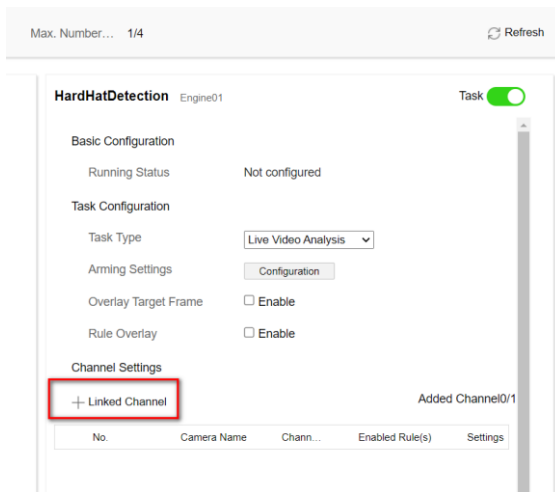
   ii. Click ⚙ of the linked channel to set rules.
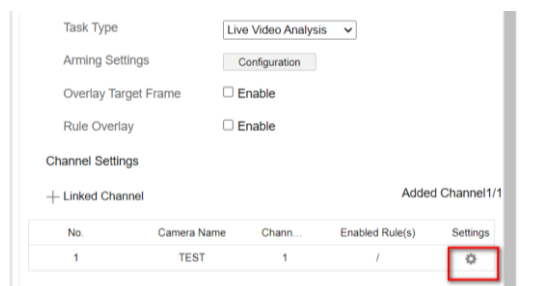
iii.   Click **Add Rule**. Check **Enable** and rename the rule.

iv.   Select a rule type.

v.   Set the detection rule.

vi.   Click **OK**.
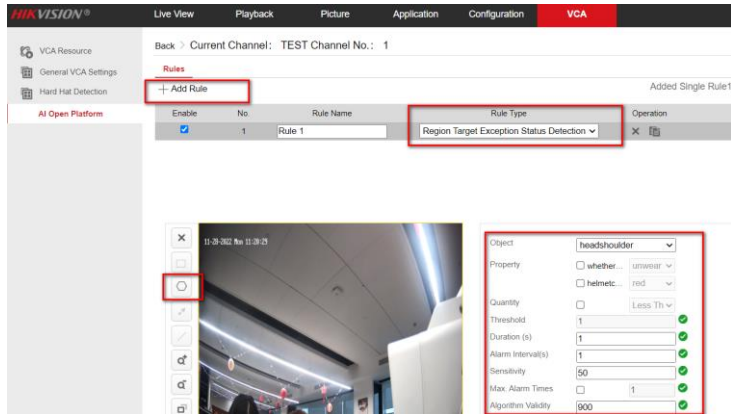
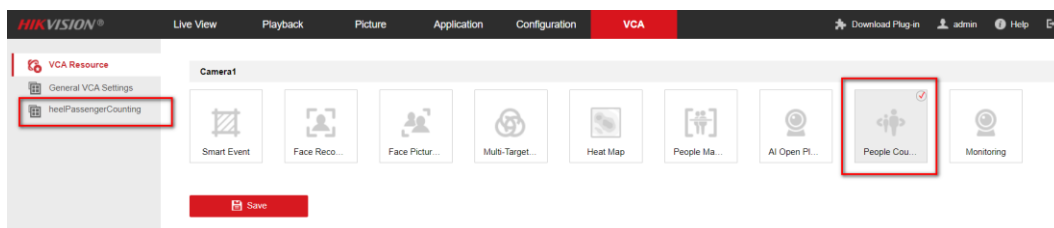7. Click **Save** to save the settings.
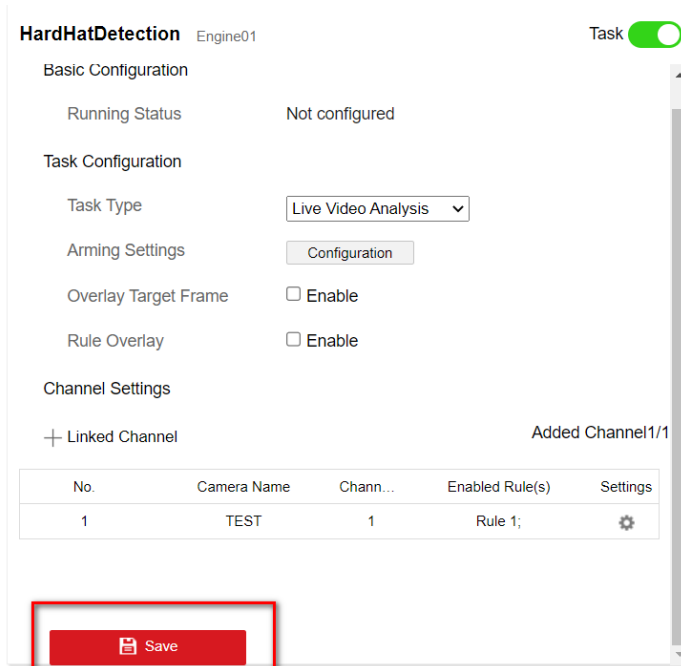
- Newly add heelPassengerCounting mode， up to 3 count areas and corresponding detection lines can be configured.

- Motion detection only available on Smart Event and Monitoring mode.

- Do not need to restart the device to switch to other VCA modes except the Smart Event and Monitoring.

- Newly add PTRZ model: iDS-2CD7547G0 / iDS-2CD7587G0

For ANPR models （Model with /P）：

- Support enable POS on web: Clicking Overlay Intelligent Information on **VCA→Road Traffic→ Advanced Parameters Configuration** page.
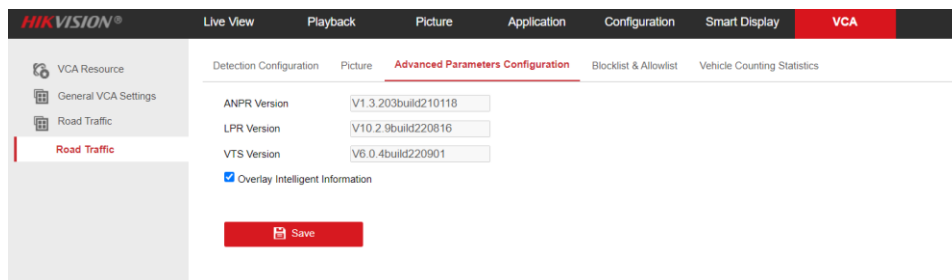
- Support display algorithm version on web: **VCA→Road Traffic→Advanced Parameters Configuration** displays ANPR Version, LPR Version and VTS Version.

- Support set the capture of the background image resolution.
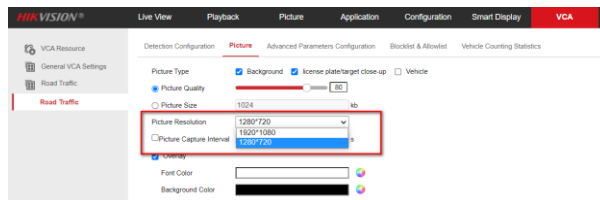
- Support upload license plate alarm continuously, upload interval (1-30s can be set).

- Newly add Vehicle counting function.

- Newly add camera MAC address, vehicle attributes (country/region, color, brand, type) to upload via http listening.

- Remove License Plate Type feature on Smart Display page.

- Newly support Serbia and Turkmenistan license plate by algorithm.

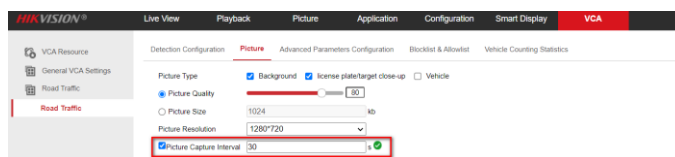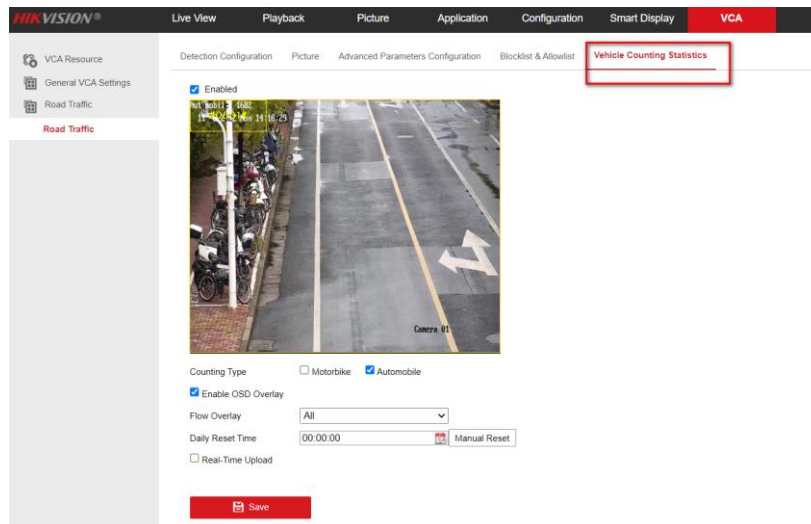- Newly support US and Korea license plate recognition.(For customization only)

- Newly add features for Middle East region: Category, Plate color and Plate size. These features only display on alarm information.

- Newly add PTRZ model: iDS-2CD7547G0/P

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.

Supported Product List	
Product Category	**Model Number**
7 Series DeepinView Camera	iDS-2CD7026G0(/S)(-AP)(/F11)(C)
7 Series DeepinView Camera	iDS-2CD7046G0/E-IHSY(R)(/F11) (C)
7 Series DeepinView Camera	iDS-2CD7086G0(/S)(-AP)(/F11)(C)
7 Series DeepinView Camera	iDS-2CD7126G0(/S)-IZS (C)
7 Series DeepinView Camera	iDS-2CD7146G0(/S)-IZS (C)
7 Series DeepinView Camera	iDS-2CD7186G0(/S)-IZS (C)
7 Series DeepinView Camera	iDS-2CD7526G0(/S)-IZHS(Y)(R)(C)
7 Series DeepinView Camera	iDS-2CD7546G0(/S)-IZHS(Y)(R)(C)
7 Series DeepinView Camera	iDS-2CD7586G0(/S)-IZHS(Y)(R)(C)
7 Series DeepinView Camera	iDS-2CD7A26G0(/S)-IZHS(Y)(R)(C)
7 Series DeepinView Camera	iDS-2CD7A46G0(/S)-IZHS(Y)(R)(C)
7 Series DeepinView Camera	iDS-2CD7A86G0(/S)-IZHS(Y)(R)(C)
7 Series DeepinView Camera	iDS-2CD7146G0-IZHS(Y)(D)
7 Series DeepinView Camera	iDS-2CD7186G0-IZHS(Y)(D)
7 Series DeepinView Camera	iDS-2CD7A47G0-XZHS(Y)
7 Series DeepinView Camera	iDS-2CD7A87G0-XZHS(Y)
7 Series DeepinView Camera	iDS-2CD7547G0-XZHS(Y)
7 Series DeepinView Camera	iDS-2CD7587G0-XZHS(Y)
7 Series ANPR Camera	iDS-2CD7026G0/P-AP(C)
7 Series ANPR Camera	iDS-2CD7046G0/P-AP(C)
7 Series ANPR Camera	iDS-2CD7026G0/EP-IHSY(C)
7 Series ANPR Camera	iDS-2CD7046G0/EP-IHSY(C)

7 Series ANPR Camera	iDS-2CD7A26G0/P-IZHS(C)
7 Series ANPR Camera	iDS-2CD7A46G0/P-IZHS(C)
7 Series ANPR Camera	iDS-2CD7A26G0/P-IZHSY(C)
7 Series ANPR Camera	iDS-2CD7A46G0/P-IZHSY(C)
7 Series ANPR Camera	iDS-2CD7547G0/P-XZHSY

Note: Models in red font are newly released models.