IPDZLF_V5.8.1_SP Release Note
(2023-1-5)
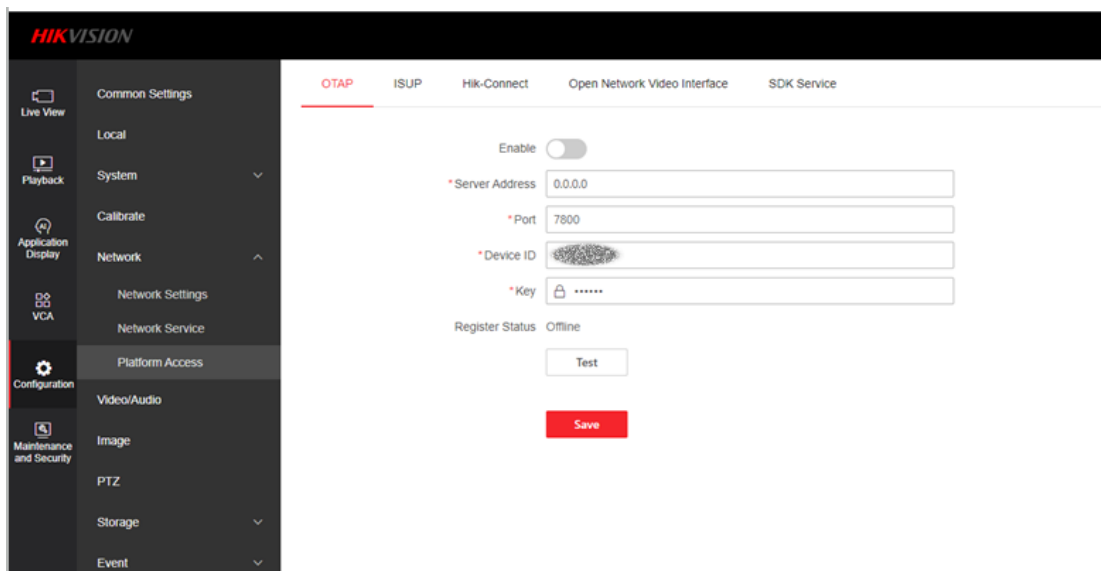
Firmware Basic Information	Firmware Version:	V5.8.1 Build221207

Modified Features

● **Supported WEB 5.0 and OTAP protocol import;**
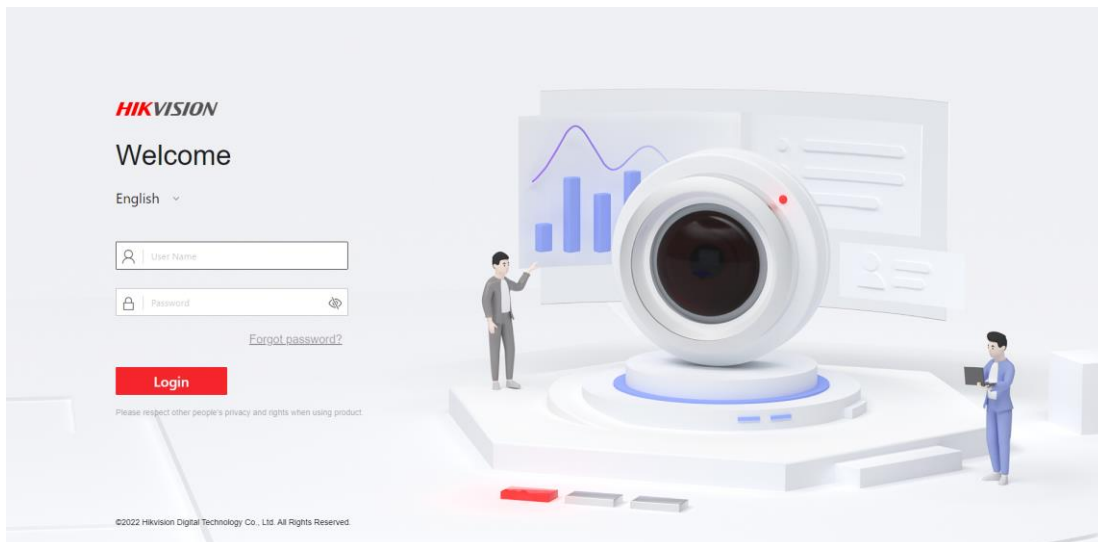
OTAP (Open Thing Access Protocol): unified integrated standard and push-pull mode of HikVision protocol in the public network and private network.
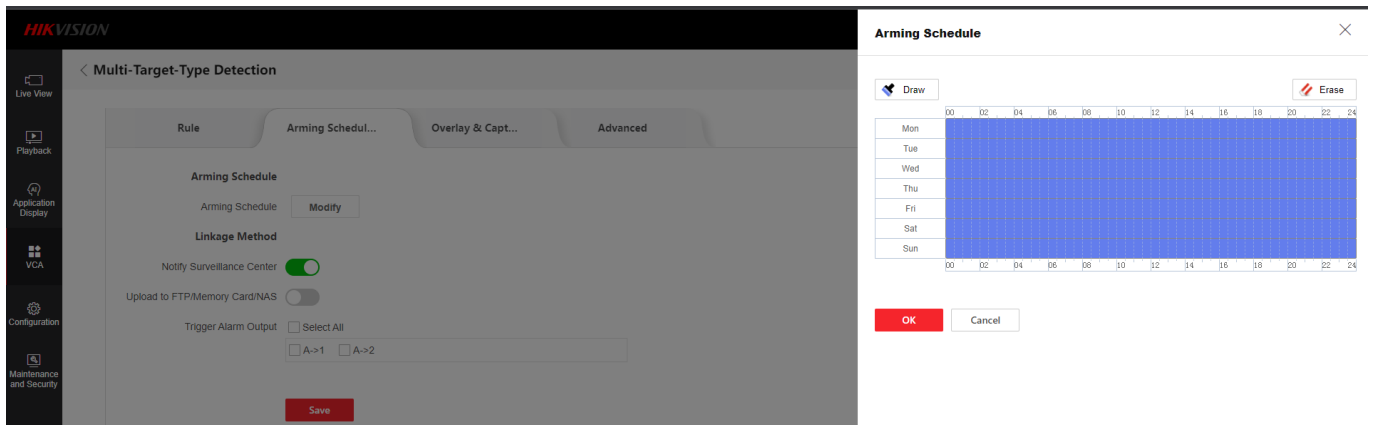
- **Added person arming and ITS(Intelligent Transportation System);**

1   Person arming: Face capture and track who matches the face library
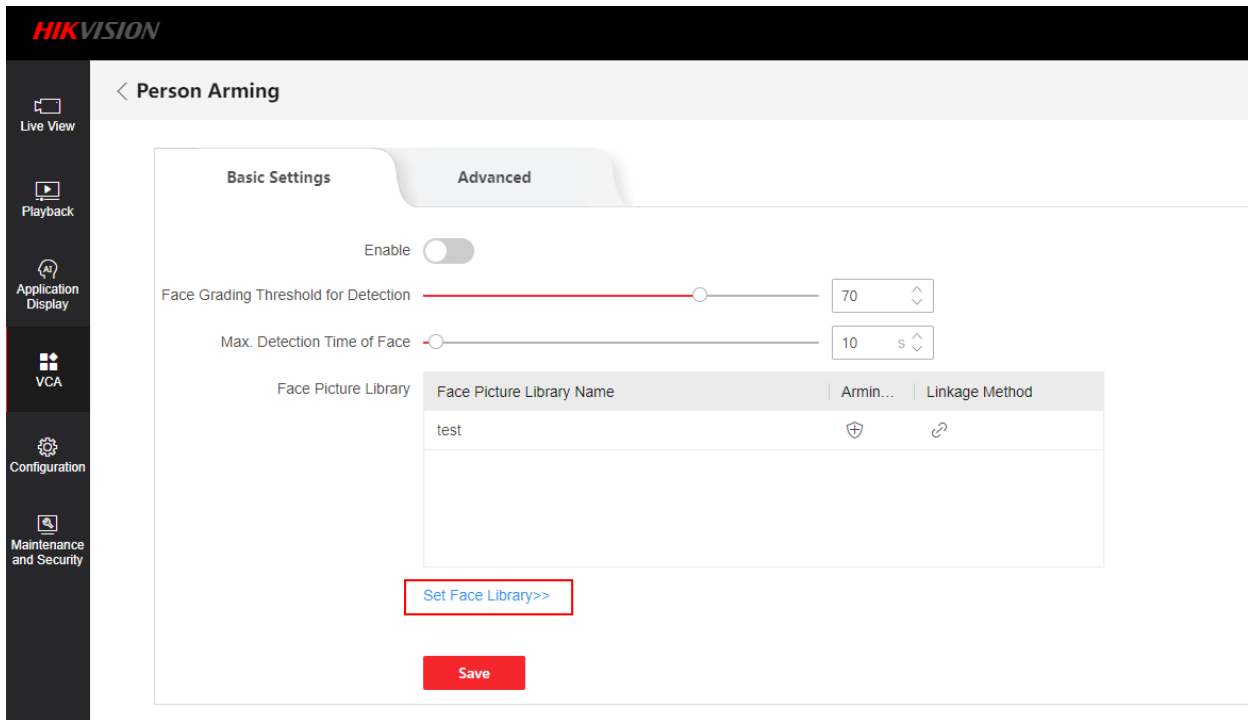
i.   Go to Multi-Target-Type Detection, Set the detection area and minimum pupil distance, and then enable it.
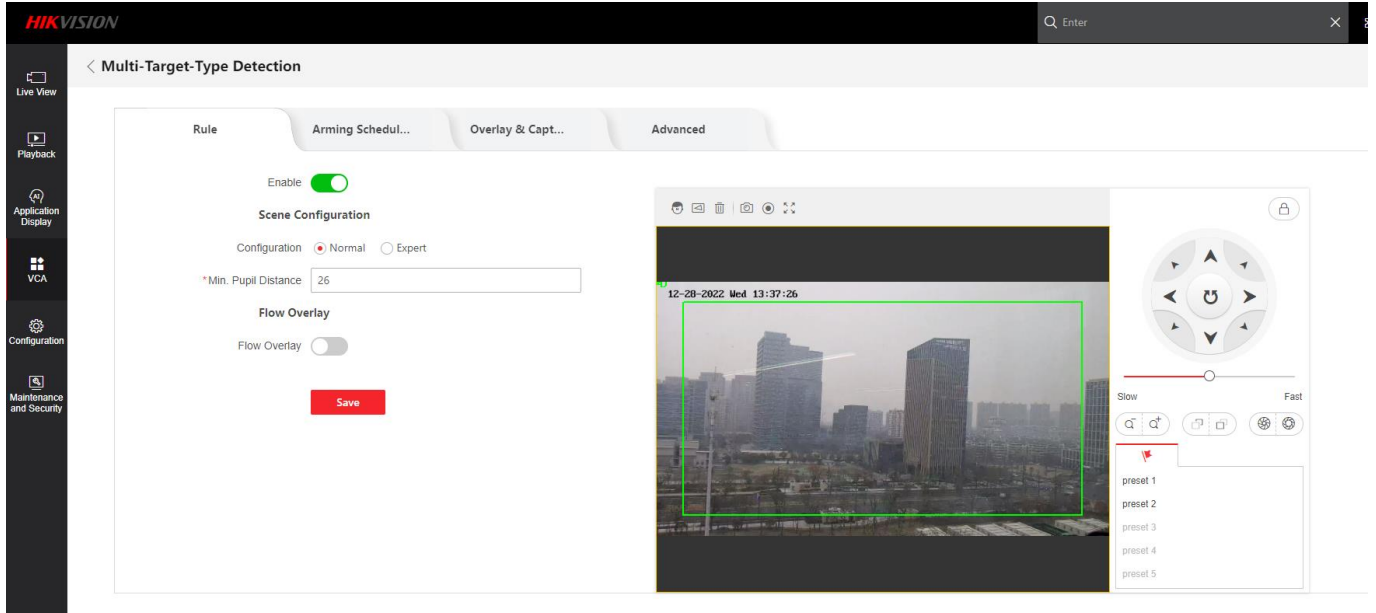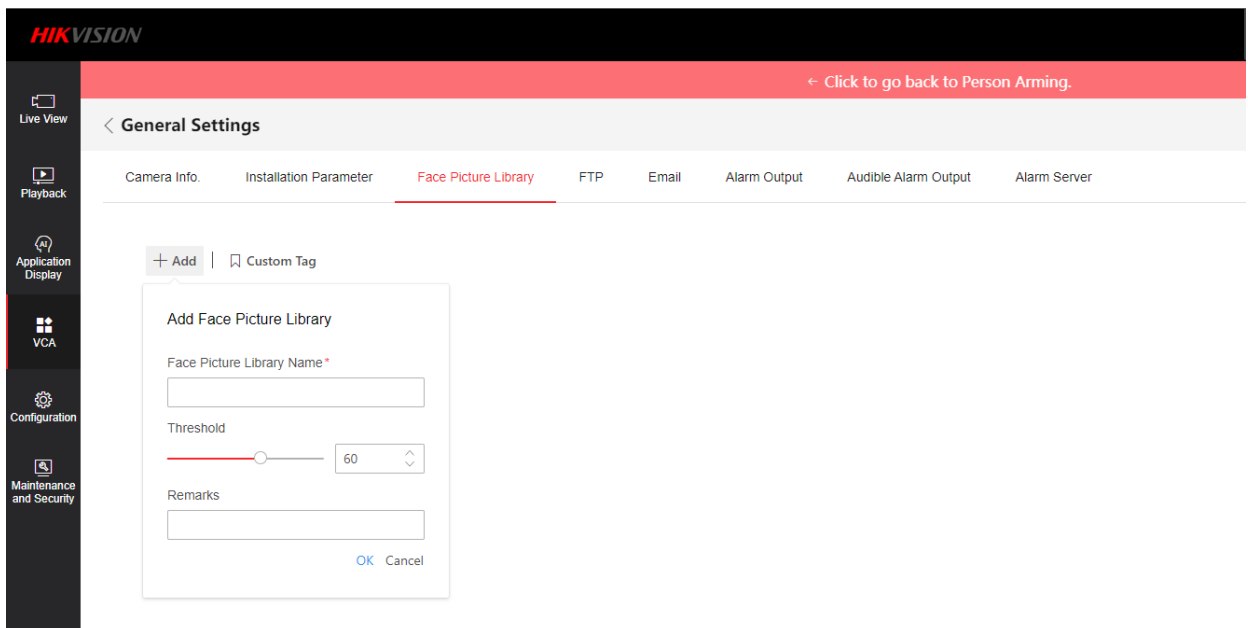

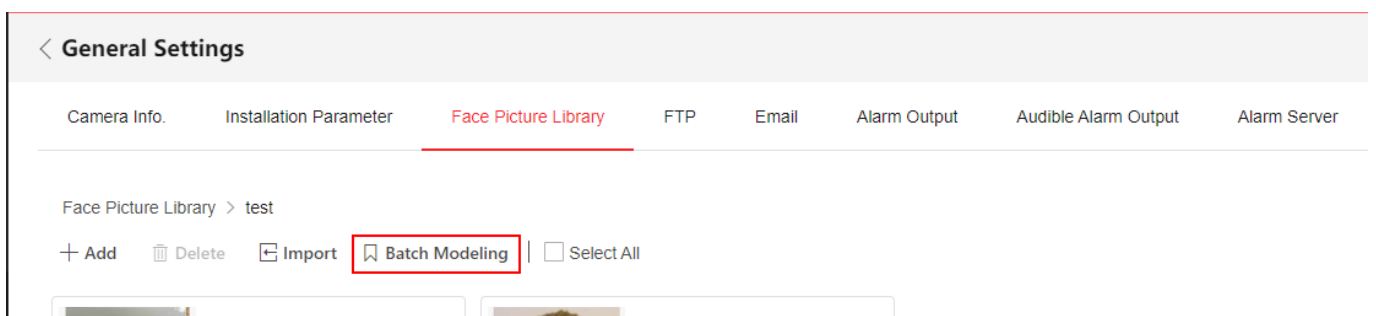ii.   Set the arming schedule and linkage method

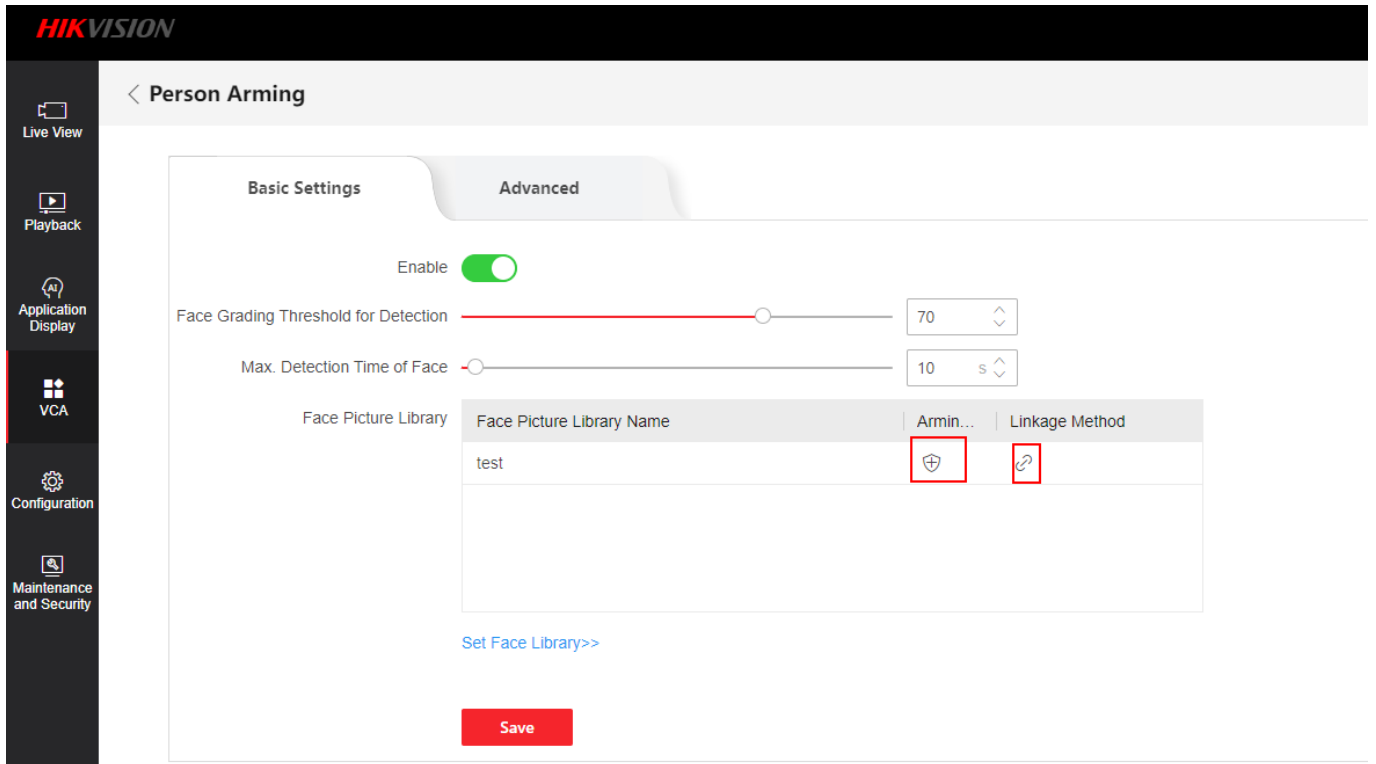iii.   Go to Person arming, set the Face Picture Library

iv.   Add Face Picture Library

v.   Import face picture and select Batch Modeling

vi.   Back to person arming, set the arming schdule and linkage method

2. ITS (Intelligent Transportation System)

i. Support capturing vehicles; after access to the platform, support tracking and capturing vehicles;

ii. Support multi lanes detection (up to 6 lanes);

iii. Support multi scene direction (upward, downward, bidirectional, westward, eastward, northward, southward and other).

iv. Support multiple event detection (Enforcement, Traffic Event Detection, Vehicle Detection and Traffic Date Collection)
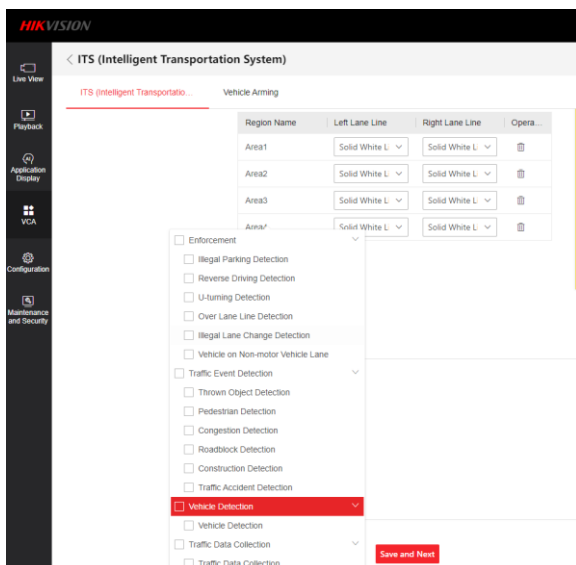
Enforcement includes:

1. Illegal Parking Detection

2. Reverse Driving Detection

3. U-turning Detection

4. Over Lane Line Detection

5. Illegal Lane Change Detection

6. Vehicle on Non-motor Vehicle Lane.
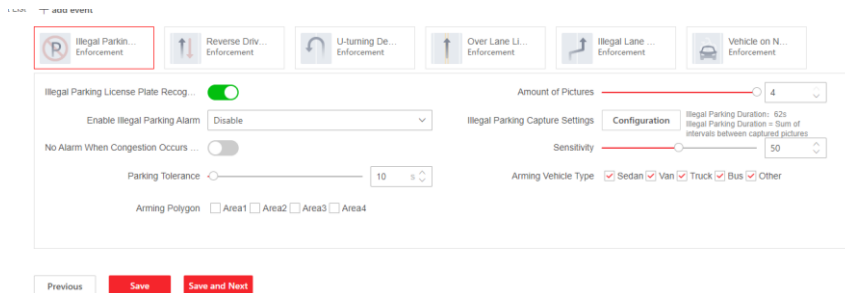
Traffic Event Detection includes:

1. Thrown Object Detection

2. Pedestrian Detection

3. Congestion Detection

4. Roadblock Detection

5. Construction Detection

6. Traffic Accident Detection
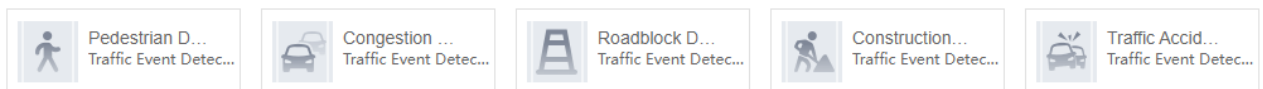
Vehicle Detection

Traffic Date Collection

- **Security patches；**

- **Support privacy mask setting in bullet channel；**

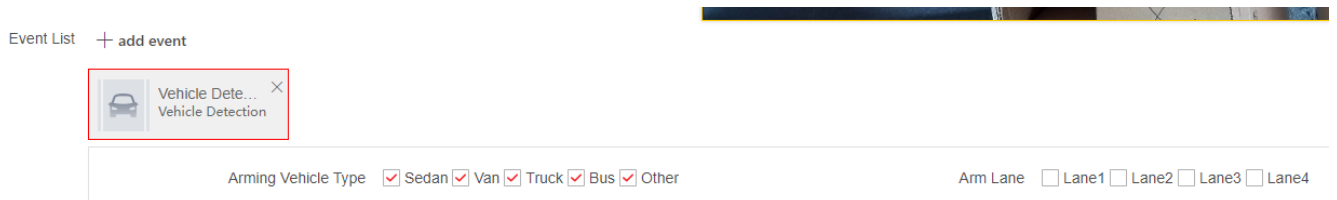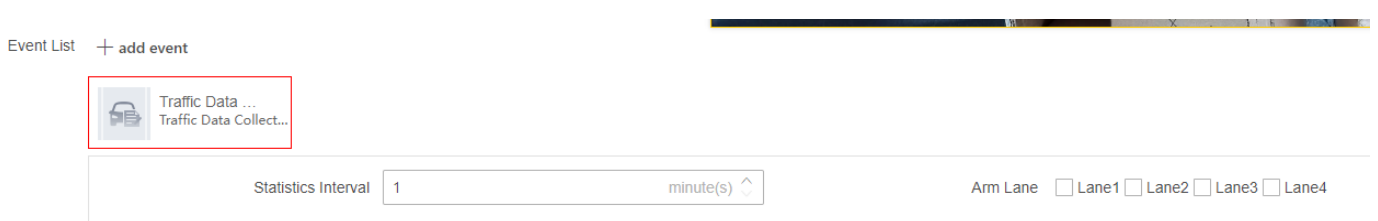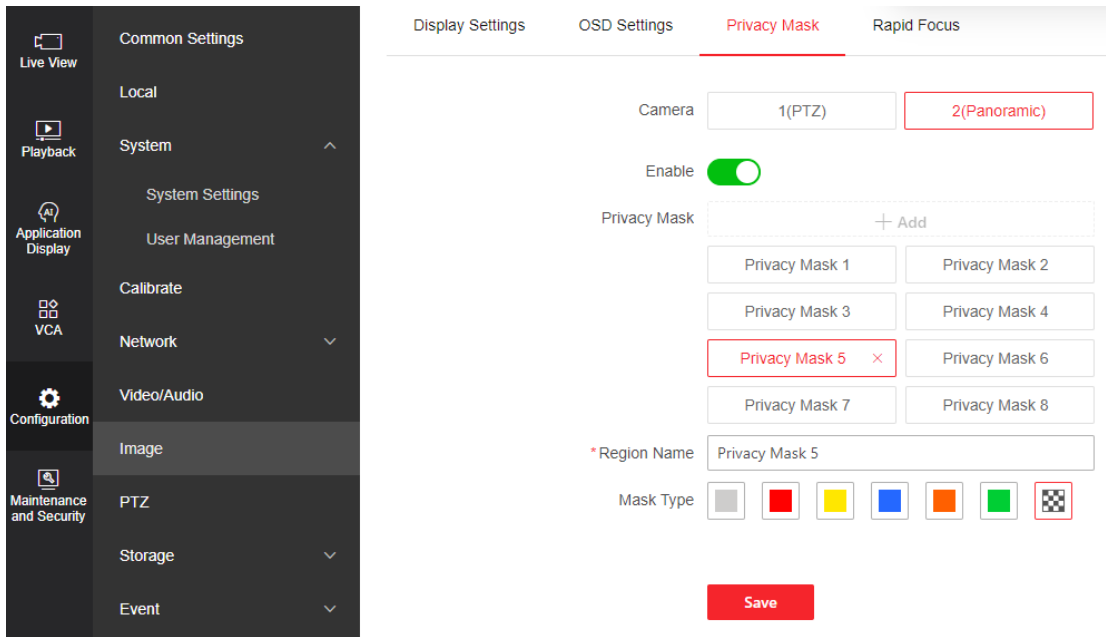Support up to 8 privacy masks setting and 7 mask types selection.

Note: The area covered by privacy mask should not exceed 1/4 of the preview screen

- **Improved 5G module;**

- **Improved user interface.**

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.

Hikvision Digital Technology CO., Ltd.
No. 555 Qianmo Road, Binjiang District, Hangzhou 310051,
China
Tel: +86-571-8807-5998
FAX: +86-571-8993-5635
Email: overseabusiness@hikvision.com

Supported Product List	
Firmware	**Model**
IPDZLF_G5H8_EN_STD/NEU_5.8.1_221121.zip	DS-2SF8C442MXS-DL(14F1)(P3)
	DS-2SF8C442MXS-DLW(14F1)(P3)
	DS-2SF8C425MXS-DL(14F1)(P3)
	DS-2SF8C425MXS-DLW(14F1)(P3)
	DS-2SF8C425MXS-DL(24F0)(P3)
	DS-2SF8C425MXS-DLW(24F0)(P3)
	DS-2SF8C442MXS-DL(24F0)(P3)
	DS-2SF8C442MXS-DLW(24F0)(P3)
	DS-2SF8C442MXS-DL(14F1)(P3)
	DS-2SF8C442MXS-DLW(14F1)(P3)
	DS-2SF8C425MXS-DL(14F1)(P3)
	DS-2SF8C425MXS-DLW(14F1)(P3)
	DS-2SF8C425MXS-DL(24F0)(P3)
	DS-2SF8C425MXS-DLW(24F0)(P3)
	DS-2SF8C442MXS-DL(24F0)(P3)
	DS-2SF8C442MXS-DLW(24F0)(P3)