G5_5.7.40 Release Note
(2023-05-17)

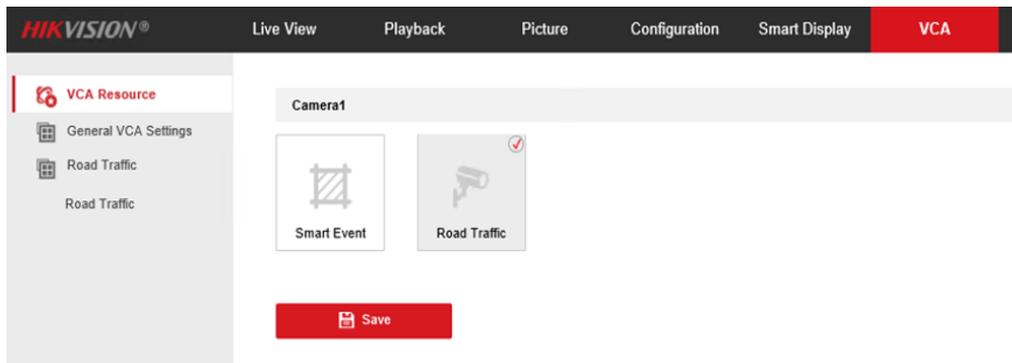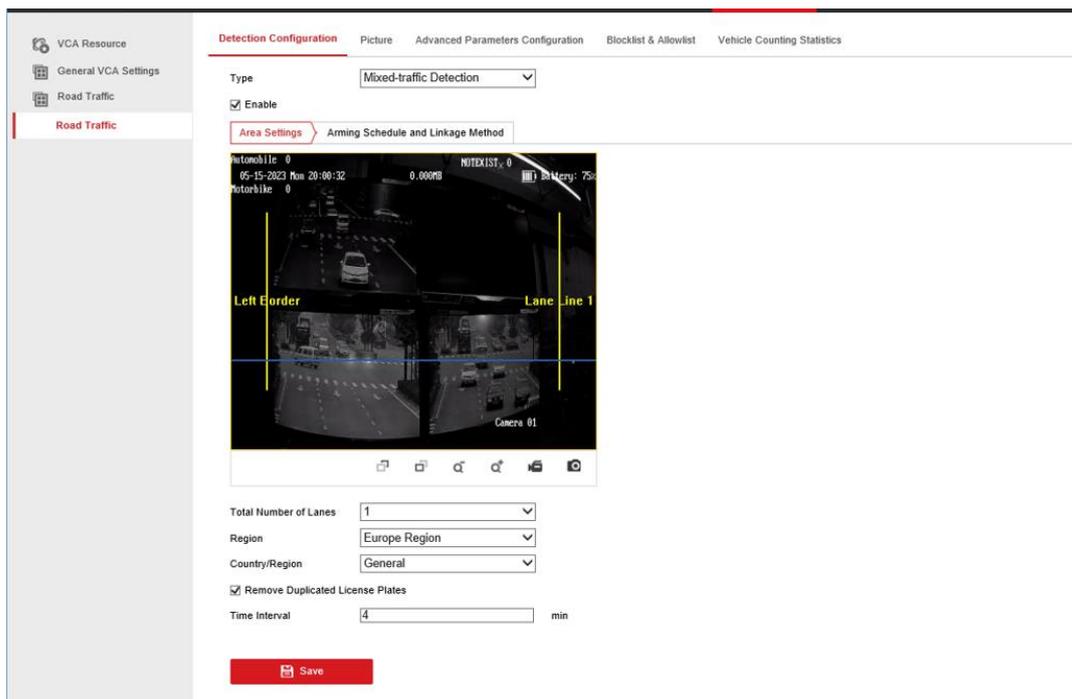| Firmware Basic Information	Firmware Version:	IPCFB_G5_5.7.40_230424 IPCH_FBSH_G5 _5.7.40_230424

Features

● **New function**

1. ANPR (Only for **IPCH_FBSH_G5**)

Only for with **/P** supports ANPR and smart events, defaults to ANPR

1) Support attribute recognition of license plates, configuration of lane numbers, country recognition, Remove Duplicated License Plates, vehicle direction, Target Validity, support for License Plate or Vehicle, Vehicle Priority.

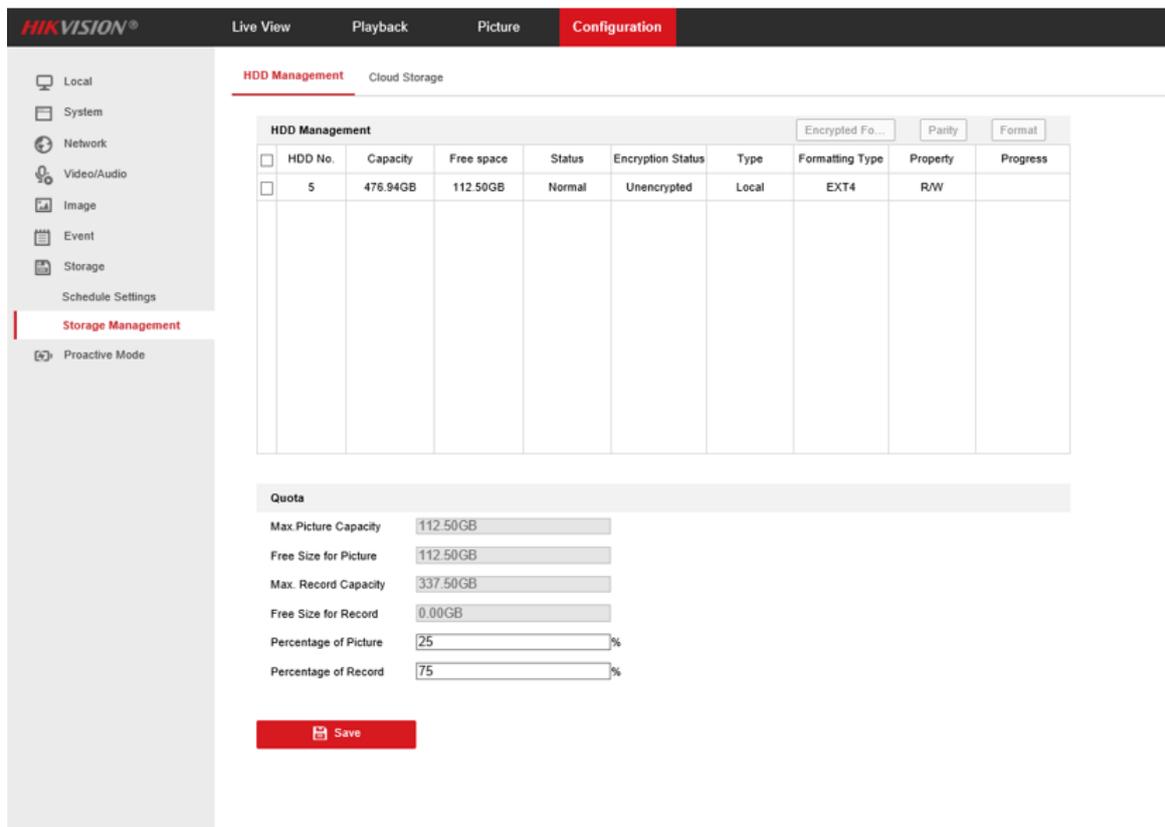2) Supports ANPR alarm and linkage with Wiegand output.

2. SSD

Support SSD storage for video recording: The device supports 512G/1G SSD video storage.
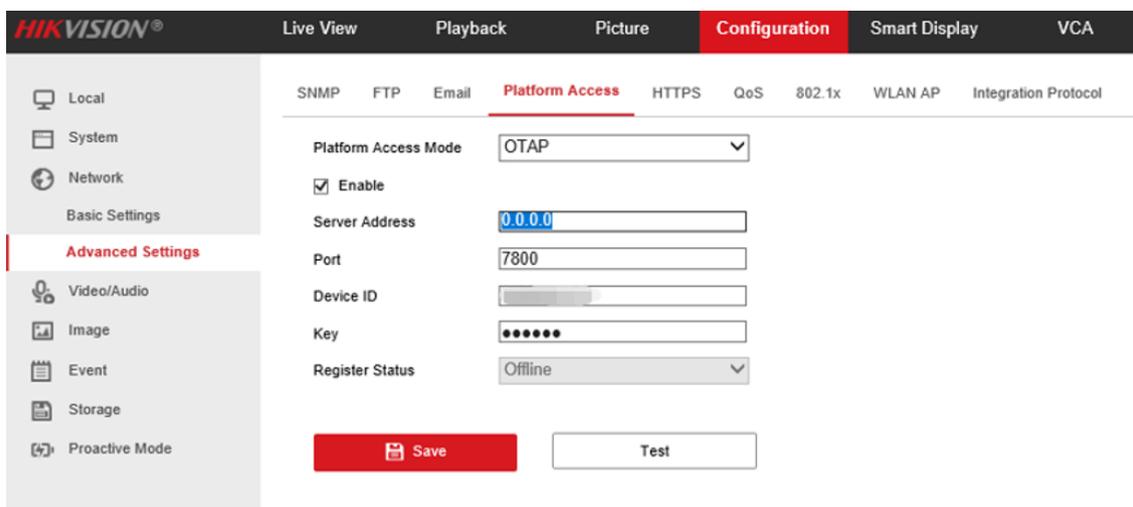
This feature requires adding SSD storage when placing an order. The SSD is installed inside the

camera at the factory and cannot be added later.

3. OTAP

Support OTAP protocol docking with NVR

1) Supports OTAP protocol docking with NVR disk management and allocation to share a set of ratios. Before use, manual reallocation and formatting are required to take effect

2) NVR supports registering solar cameras with NVR using the OTAP protocol.

3) NVR supports real-time preview and sleep wake-up through the OTAP protocol (supported on the device side with wake-up, not supported by NVR).

4) NVR supports pulling event recordings from solar cameras through the OTAP protocol, which can be stored, retrieved, and played back on NVR. (For recording above the low battery threshold, set ANR to record for 1 hour, once, wake up the device first, and then obtain the recording)

5) NVR supports upgrading solar cameras through the OTAP protocol (camera support, NVR does not).

6) Support the display of solar battery power.

7) Parameter configuration, only supports mode switching. Support the configuration of Power Consumption Mode for solar energy. (The interface should have prompts for mode usage scenarios, refer to the IPC interface)

4. Auto Re-Camp

1) Set the Auto Re-Camp interval time, where the device actively disconnects from the base station and initiates a new connection. With the device actively Re-Camp, the device takes a faster time to go online again, only 2-3 minutes. If the Service Provider disconnects the connection with the device, the device will be disconnected for a long time. It takes 15 minutes to reconnect.

2) The web interface can be configured with 4G module Auto Re-Camp, which can be configured for 1-24 hours and takes effect at the moment after saving.
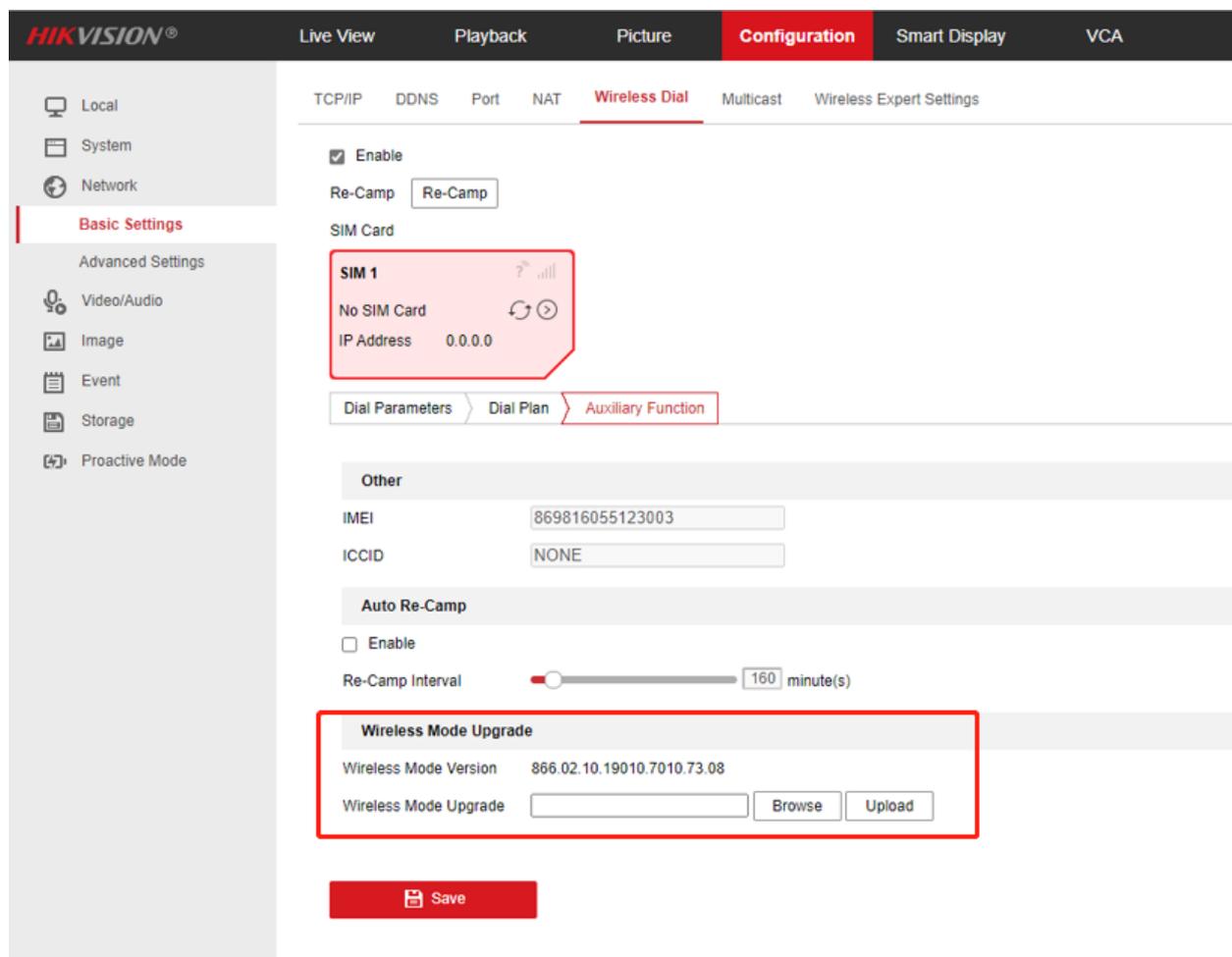
3) It is disabled by default.

5. 4G module upgrade

1) Upgrade 4G firmware separately on the web side

   The device supports upgrading 4G module through the web. If there is a network outage or power outage during the upgrade process, the module can still be used normally and will not be damaged. The device can be upgraded in both Performance Mode and Proactive Mode, and will take effect immediately after successful upgrade.

2) The device supports displaying version information of 4G module.

6. Pincode SIM unlocking

Web support for inputting Pincode to unlock SIM card

- **Modification function**

1. Optimized streaming speed for camera wake-up

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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IPCH_FBSH_G5 _5.7.40_230424	
Supported models	
Product series	**Product models**
IPC 6 Series	DS-2XS6A46G1/P-IZS/C36S80(8-32mm)O-STDNB
IPC 6 Series	DS-2XS6A46G1/P-IZS/C36S80(2.8-12)O-STDNB

IPCFB_G5_5.7.40_230424	
Supported models	
Product series	**Product models**
IPC 6 Series	DS-2XS6A87G1-L/C32S80(4mm)(O-STD)(Unpackaged)
IPC 6 Series	DS-2XS6A87G1-L/C32S80(2.8mm)(O-STD)(Unpackaged)
IPC 6 Series	DS-2XS6A87G1-L/C32S80(4mm)(O-STD)(Unpackaged)US
IPC 6 Series	DS-2XS6A87G1-L/C32S80(2.8mm)(O-STD)UnpackagedUS
IPC 6 Series	DS-2XS6A87G1-L/C32S80(4mm)(O-STD)(Unpackaged)JP
IPC 6 Series	DS-2XS6A87G1-L/C32S80(2.8mm)(O-STD)UnpackagedJP
IPC 6 Series	DS-2XS6A87G1-L/C32S80(4mm)(O-STD)(Unpackaged)LA
IPC 6 Series	DS-2XS6A87G1-L/C32S80(2.8mm)(O-STD)UnpackagedLA
IPC 6 Series	DS-2XS6A87G1-LS/4G(2.8mm)(O-NEU)(LA)
IPC 6 Series	DS-2XS6A87G1-LS/4G(4mm)(O-NEU)(LA)
IPC 6 Series	DS-2XS6A87G1-LS/4G(4mm)(O-NEU)(JP)
IPC 6 Series	DS-2XS6A87G1-LS/4G(2.8mm)(O-NEU)(US)
IPC 6 Series	DS-2XS6A87G1-LS/4G(4mm)(O-NEU)(US)

IPC 6 Series	DS-2XS6A87G1-LS/4G(2.8mm)(O-NEU)
IPC 6 Series	DS-2XS6A87G1-LS/4G(2.8mm)(O-NEU)(JP)
IPC 6 Series	DS-2XS6A87G1-LS/4G(4mm)(O-STD)(JP)
IPC 6 Series	DS-2XS6A87G1-LS/4G(4mm)(O-NEU)
IPC 6 Series	DS-2XS6A87G1-LS/4G(2.8mm)(O-STD)(US)
IPC 6 Series	DS-2XS6A87G1-LS/4G(4mm)(O-STD)(US)
IPC 6 Series	DS-2XS6A87G1-LS/4G(2.8mm)(O-STD)(JP)
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(4mm)(O-NEU)UnpackagedLA
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(2.8mm)O-NEUUnpackagedLA
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(2.8-12)O-STD1TNB
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(2.8-12)O-STDNB/US
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(4mm)(O-NEU)/Unpackaged
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(2812)O-STD512GNB
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(2.8-12)O-STDNB/LA
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(4mm)(O-NEU)UnpackagedJP
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(2.8mm)O-NEUUnpackagedJP
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(2.8-12)O-STDNB/JP
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(4mm)(O-NEU)UnpackagedUS
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(2.8mm)O-NEUUnpackagedUS
IPC 6 Series	DS-2XS6A25G0-I/CH20S40(4mm)(O-NEU)(Unpackaged)
IPC 6 Series	DS-2XS6A25G0-I/CH20S40(2.8mm)(O-NEU)(Unpackaged)
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(2.8-12mm)O-STDUnpackaged

IPC 6 Series	DS-2XS6A47G1-LS/C36S80(2.8mm)O-STDUnpackagedUS
IPC 6 Series	DS-2XS6A47G1-LS/C36S80(4mm)(O-STD)/Unpackaged
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IPC 6 Series	DS-2XS6A47G1-LS/C36S80(2.8mm)O-NEUUnpackagedLA
IPC 6 Series	DS-2XS6A25G0-I/TH10S40(8mm)(O-STD)(Unpackaged)
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IPC 6 Series	DS-2XS6A87G1-LS/4G(2.8mm)(O-STD)
IPC 6 Series	DS-2XS6A47G1-LS/4G(2.8mm)(O-NEU)(LA)
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IPC 6 Series	DS-2XS6A47G1-LS/4G(2.8mm)(O-STD)(US)
IPC 6 Series	DS-2XS6A47G1-LS/4G(4mm)(O-STD)(US)
IPC 6 Series	DS-2XS6A47G1-LS/4G(2.8mm)(O-STD)
IPC 3 Series	DS-2CD3T23G1-I/4G(8mm)(O-STD)
IPC 3 Series	DS-2CD3T23G1-I/4G(4mm)(O-STD)
IPC 3 Series	DS-2CD3T23G1-I/4G(2.8mm)(O-STD)
IPC 6 Series	DS-2XS6A25G0-I/CH20S40(8mm)(O-STD)(Unpackaged)

IPC 6 Series	DS-2XS6A25G0-I/CH20S40(4mm)(O-STD)(Unpackaged)
IPC 6 Series	DS-2XS6A25G0-I/CH20S40(2.8mm)(O-STD)(Unpackaged)
IPC 6 Series	DS-2XS6A87G1-L/C32S80(4mm)(O-NEU)(Unpackaged)
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IPC 3 Series	DS-2CD3T23G1-I/4G(8mm)(O-NEU)
IPC 3 Series	DS-2CD3T23G1-I/4G(4mm)(O-NEU)
IPC 3 Series	DS-2CD3T23G1-I/4G(2.8mm)(O-NEU)
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(2.8mm)O-STDUnpackagedJP

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