

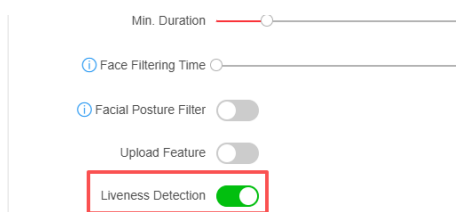
DeepinView Camera V5.9.0 Release Note

Firmware Basic Information	Firmware Version	IPCG_LMX_H9_V5.9.0_260808
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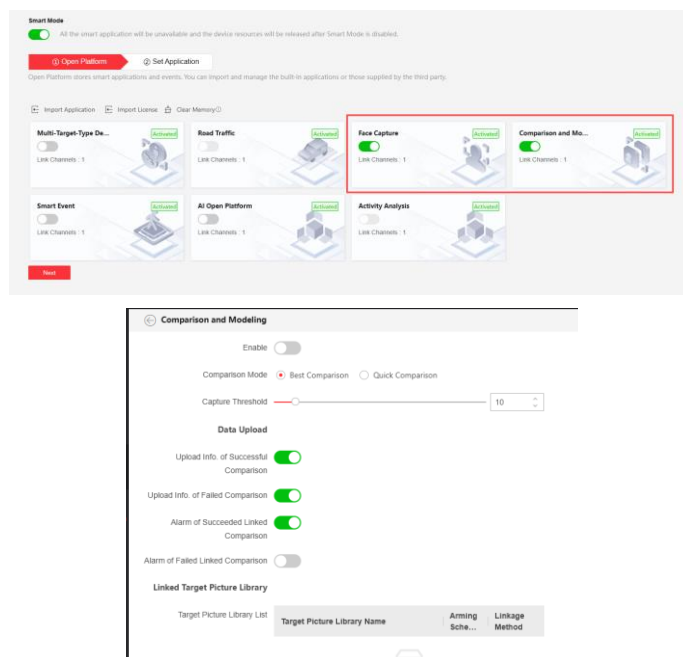
■ New Features

[General Function]

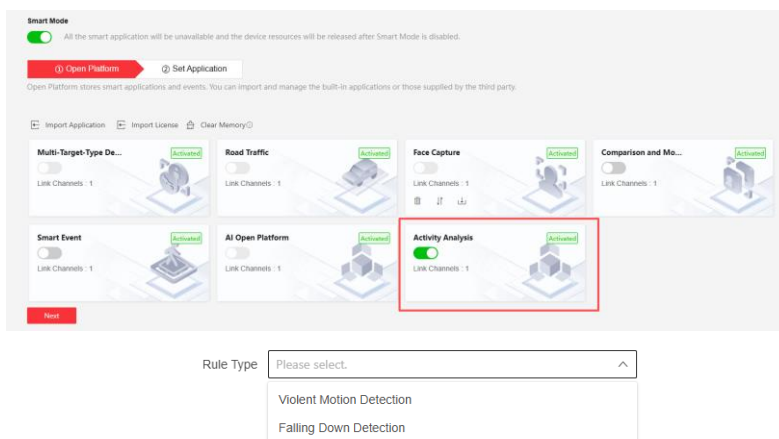
1. Newly released model: iDS-2CD7A4/86G2/LM(B), iDS-2CD714/86G2/LM(B).
2. Support multi-target type detection, support FBE function.
3. Support face capture, support liveness detection, support FBE function.



4. Support face comparison and modeling.

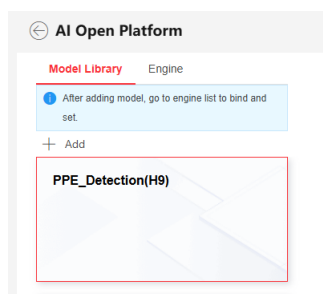


5. Large-scale ANPR algorithm update, optimize accuracy of vehicle type and color.
6. Newly support Activity Analysis, which include violent move detection and falling down detection.

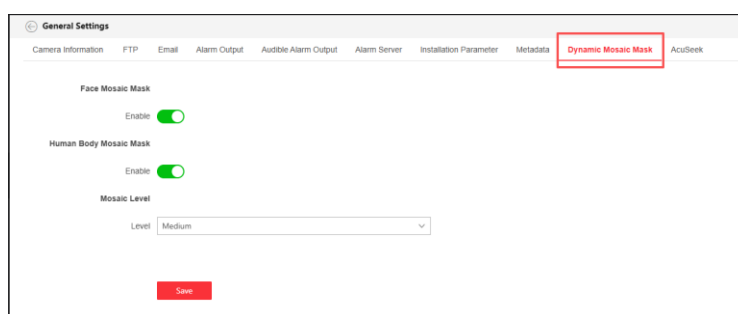


7. Support OCR large models of AIOP algorithm.

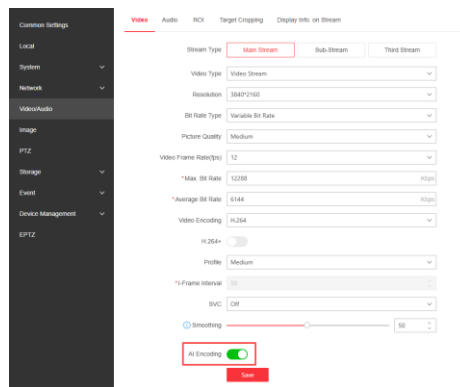
8. AIOP built-in large model PPE detection algorithm that supports detect safety helmets and reflective clothing.



9. Support dynamic mosaic mask under smart event/face capture/multi-target type detection/activity analysis.



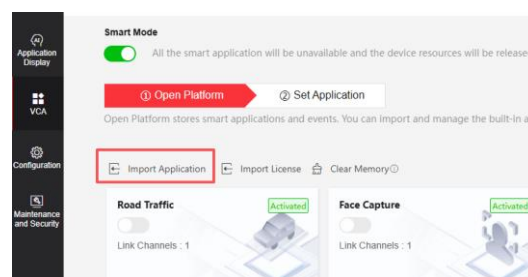
10. Newly support AI coding, currently supported only under smart event intelligence, after enable AI coding, the switch of H.264+/H.265+ will be grayed out.



11. Support Auto WDR.

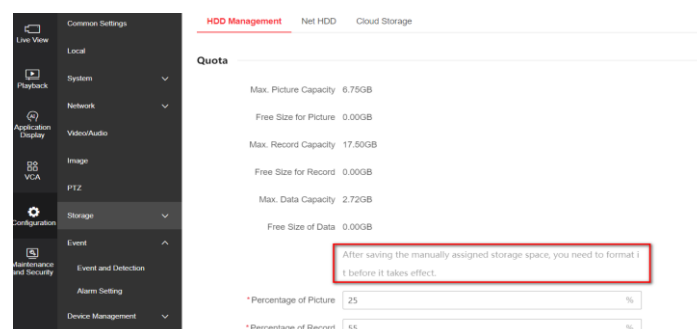


12. Newly support import applications of Hikvision, don't support applications from third-parties.



13. Newly support Hik-Connect cloud storage function, support event recording and continuous recording.

14. The storage page added a prompt message indicating that formatting is required after modifying the storage quota.

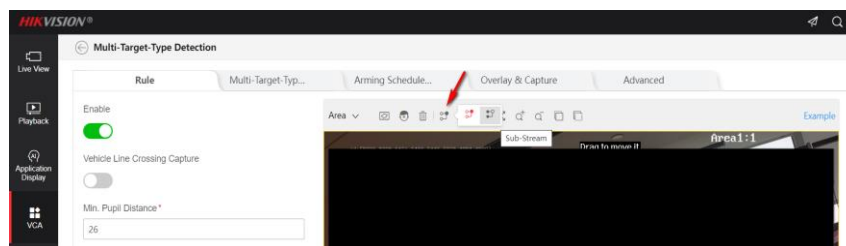


15. After enabling dynamic mosaic, the maximum resolution of the restored stream is increased to match the resolution of the main stream, and the frame rate of the original stream is reduced.

See the table below for details:

Device Resolution	Resolution of the restore stream	Frame rate of the restore stream	Default frame rate of the original stream	Frame rate of the original stream (After enabling mosaic)
4MP	2688×1520	P: 25fps N: 30fps	P: 25fps N: 30fps	P: 25fps N: 30fps
8MP	3840×2160	P: 25fps N: 24fps	P: 25fps N: 30fps	P: 25fps N: 30fps
12MP	4608×2592	P: 20fps N: 20fps	P: 25fps N: 30fps	P: 20fps N: 20fps
16MP	4608×3456	P: 15fps N: 15fps	P: 25fps N: 30fps	P: 15fps N: 15fps

16. Support switch to sub-stream on VCA- rule configuration page.

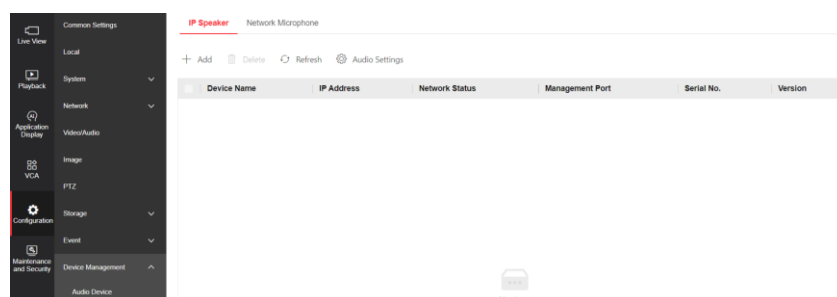


17. Support TPM status display.



18. The event recording of the camera-side perimeter event supports marking human and vehicle in the video, facilitating identification and backup of event video clips at the central.

19. Support add network microphone and IP speaker.



20. Support AISP.

Note:

1) When AISP is enabled, the 8MP model reduces the frame to 12 fps for PAL and 15 fps for NTSC of main stream, sub stream and third stream.

2) AISP and AIOP/Activity Analysis/Face Capture/Multi-Target Type Detection cannot be enabled simultaneously. When AIOP/Activity Analysis/Face Capture/Multi-Target Type Detection is enabled, AISP is automatically disabled.

3) AISP and ANPR/Smart Event can be enabled simultaneously.

4) The image parameters used when enabling AISP and disabling AISP are different, therefore the image effect varies when switching AISP on and off.

5) True WDR and AISP are mutually exclusive. If WDR is enabled, AISP becomes invalid although the interface switch remains on.

■ Modify Features

V5.9.0_260808:

Fix some known bugs.

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 Models

[IPCG_LMX_H9]

Product series	Product Models
IPC 7 Series	iDS-2CD7A46G2/LM-IZHSY(2.8-12mm)(B)O-NEU
IPC 7 Series	iDS-2CD7146G2/LM-IZHSY(2.8-12mm)(B) O-NEU
IPC 7 Series	iDS-2CD7146G2/LM-IZS(2.8-12mm)(B)(O-STD)
IPC 7 Series	iDS-2CD7186G2/LM-IZS(2.8-12mm)(B)(O-STD)
IPC 7 Series	iDS-2CD7186G2/LM-IZS(8-32mm)(B)(O-STD)
IPC 7 Series	iDS-2CD7146G2/LM-IZS(8-32mm)(B)(O-STD)
IPC 7 Series	iDS-2CD7186G2/LM-IZHSY(2.8-12mm)(B)O-STD
IPC 7 Series	iDS-2CD7186G2/LM-IZHSY(8-32mm)(B)(O-STD)
IPC 7 Series	iDS-2CD7146G2/LM-IZHSY(2.8-12mm)(B)O-STD
IPC 7 Series	iDS-2CD7146G2/LM-IZHSY(8-32mm)(B)(O-STD)
IPC 7 Series	iDS-2CD7A86G2/LM-IZHS(8-32mm)(B)(O-STD)
IPC 7 Series	iDS-2CD7A86G2/LM-IZHS(2.8-12mm)(B)(O-STD)
IPC 7 Series	iDS-2CD7A86G2/LM-IZHSY(8-32mm)(B)(O-STD)
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