Network Camera Firmware Version: V5.8.30
Release Note

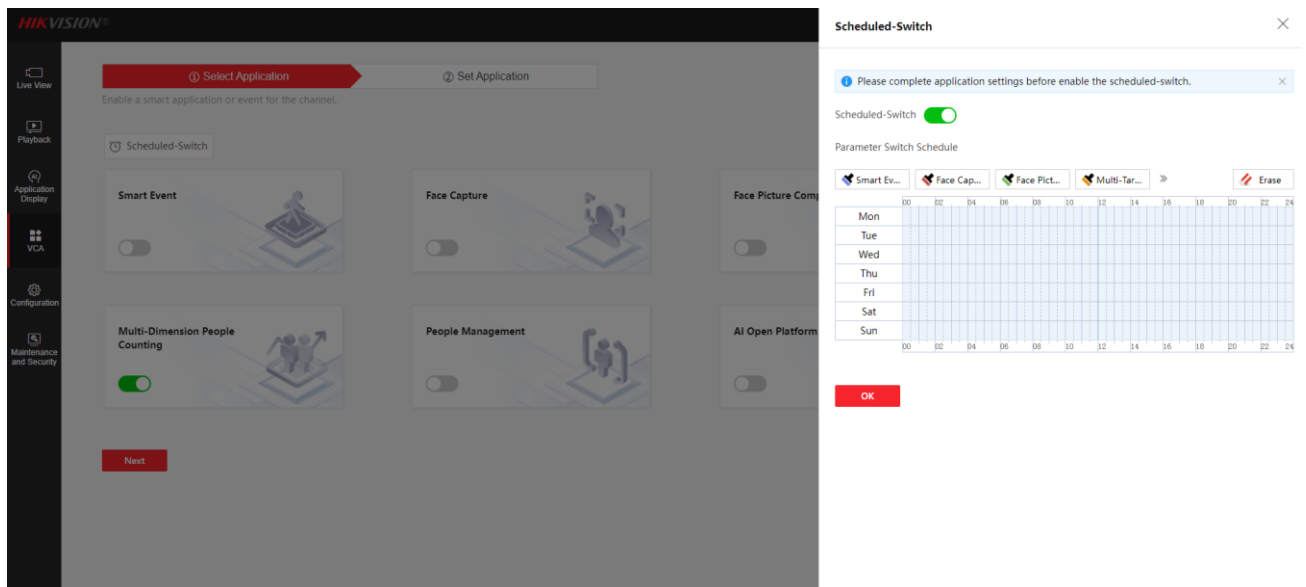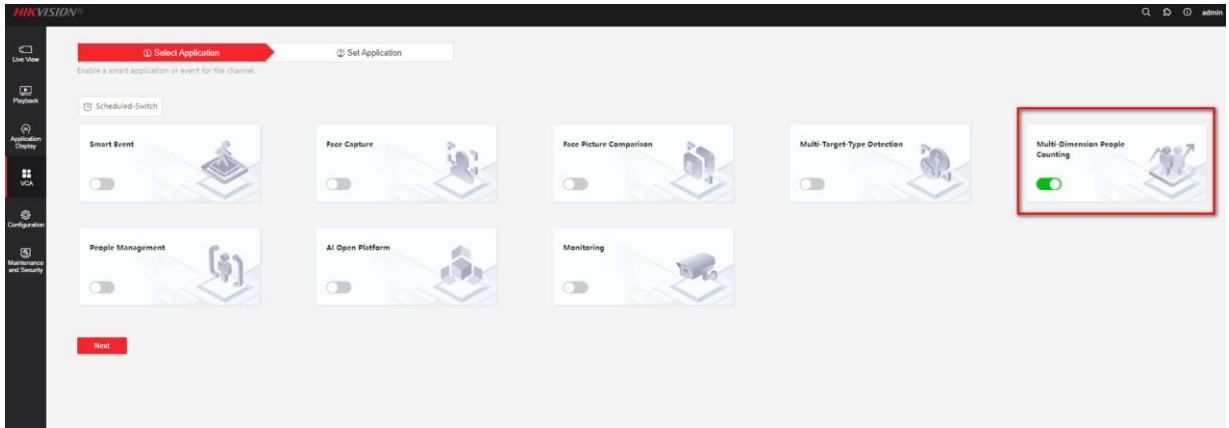| Firmware Basic Information	Firmware Version:	V5.8.30 build 230615

1. New Features

Non-ANPR model (without /P):

- Support Web 5.0 GUI.

- Support ONVIF profile M

- Support scheduled switch the VCA resource.

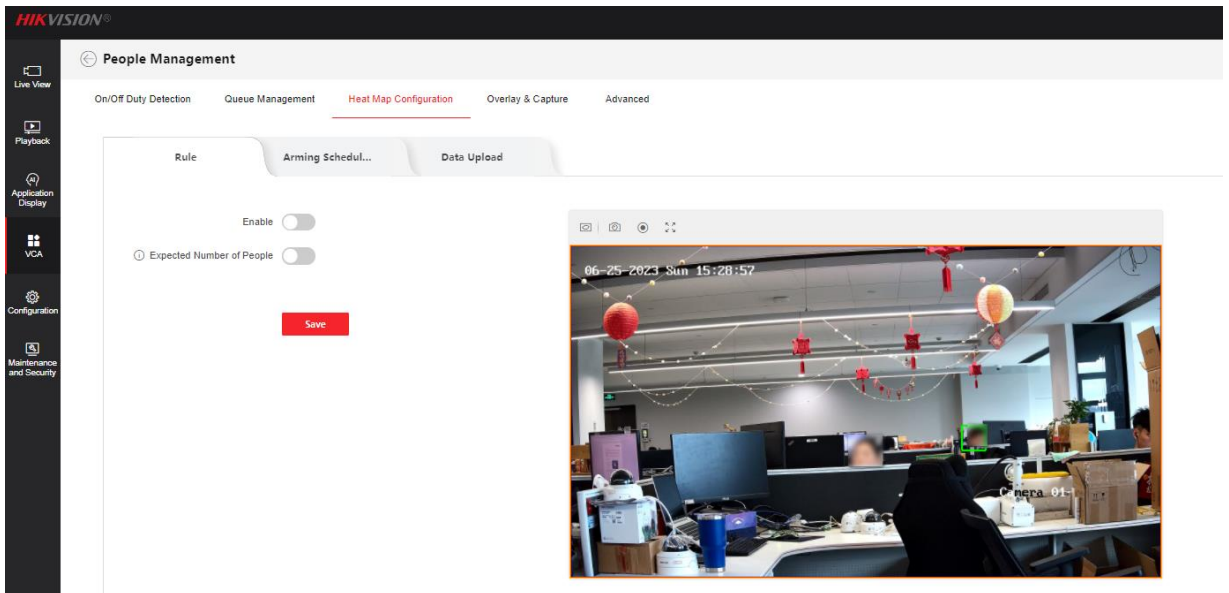 *Note:* From other VCA resources switch to Smart Event and monitoring mode or from Smart Event and Monitoring mode to other VCA resources, device will reboot.
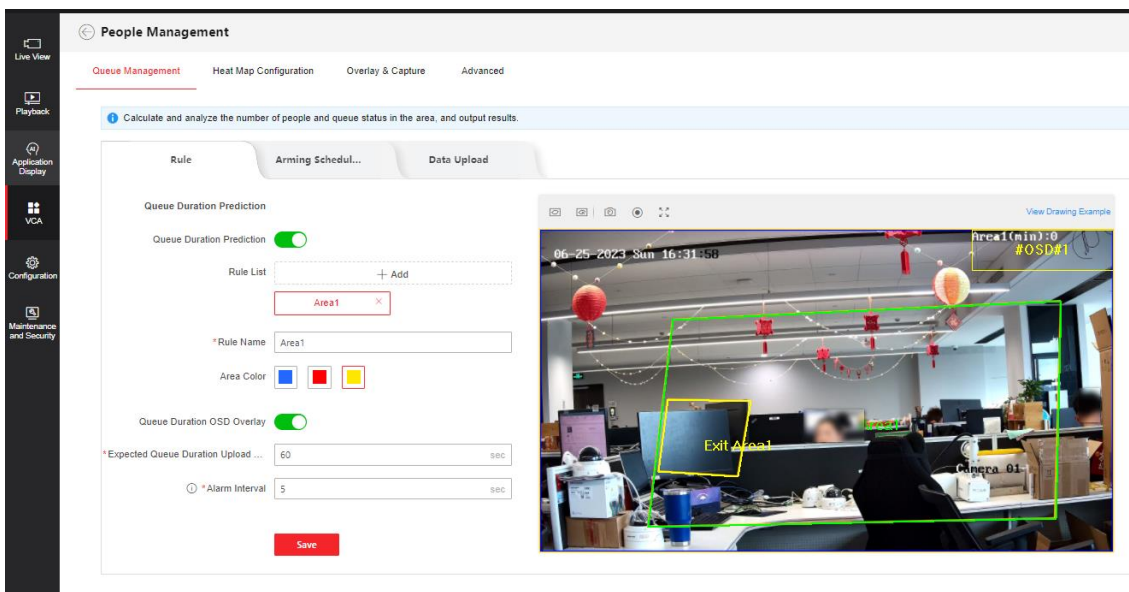

- Support TPM SD card encryption and decryption (Only DS-2CD7XX6G0 series devices shipped after July 2023 are supported).

- Newly add Multi-Dimension People Counting VCA resource, remove people counting VCA resource.

- Move Heat Map function to people management VCA resource, and remove people density function.
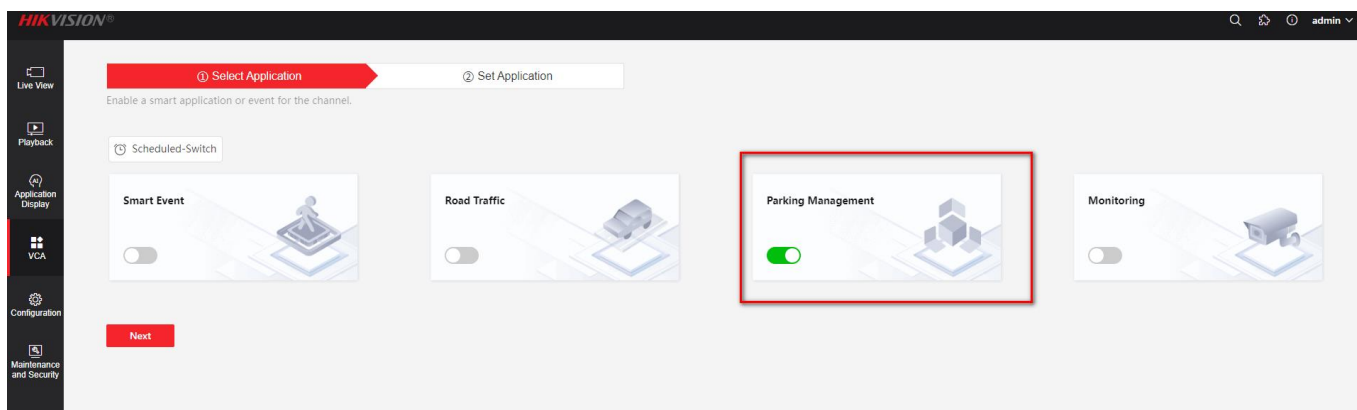

- Queue Management supports queue duration prediction function.

ANPR model (with /P):

- Support Web 5.0 GUI.

- Support ONVIF profile M

- Newly add Parking Management function, which performs parking detection such as parking space status detection by recognizing vehicles and license plates in close view and distant view scenes. This function can be used to guide vehicle parking and reasonably allocate parking spaces according to the parking situation.

- Support scheduled switch the VCA resource.

- Support attribute recognition for reverse direction vehicles.

- Newly released DarkfighterS ANPR model: iDS-2CD7A47G0/P-XZHS(Y) (2.8-12mm).

  Note：iDS-2CD7A47G0/P does not support Wiegand interface.

- Newly released long focal lens ANPR model: iDS-2CD7A45G0/P-IZHS(Y)(4.7-118mm).

Note: ANPR model with V5.7.X version cannot be upgraded to V5.8.30 version directly, please upgrade to V5.8.20 and then to V5.8.30 version.

2. Modify Features

NA

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.

Supported Product List		
Product Category	**Model Number**	**Platform Subtype**
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
7 Series DeepinView Camera	iDS-2CD7086G0-AP(C)	IPCG
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
7 Series ANPR Camera	iDS-2CD7A47G0/P-XZHSY(2.8-12mm)	IPCG
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.