Network Video Recorder

Version: V4.40.015 build 200616

Release Note

(2020-6-16)

Firmware Basic Information	Firmware Version:	V4.40.015 build 200616
	SDK Version:	V6.1.4.40 build20200428
	Play Library:	V7.3.8.45
	Web component:	V4.0.1 build200428
	OpenSDK Version:	V2.4.0

Reason of Upgrade

Add new features and optimize product performance.

New features

1.【Support adding motion detection 2.0 IPC】
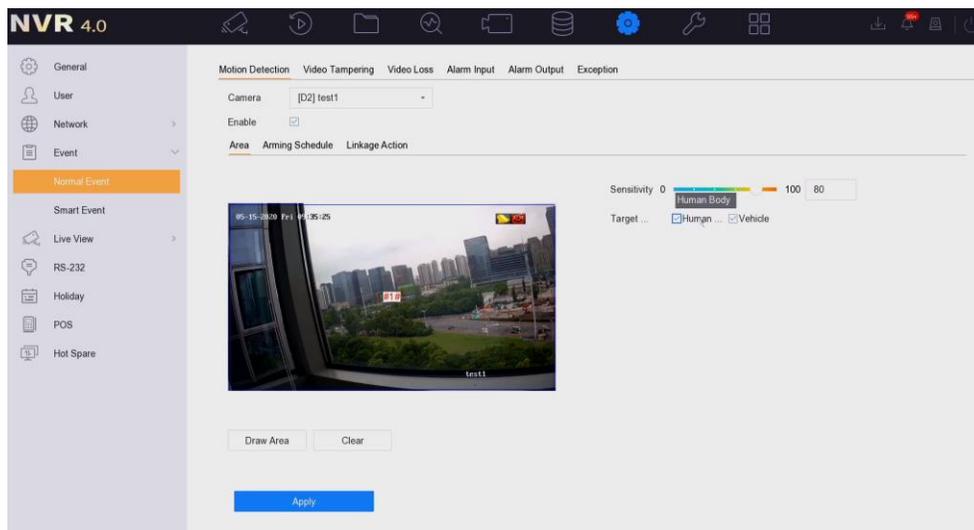
1）Support IPC with motion detection 2.0 function, the specific model of IPC is DS-2CD20 (23 / 2T / 26) 2 (4/8) 6G2-I / SL, such as: DS-2CD2026G2-I / SL. The firmware version of IPC is required to be V5.5.130 and later.

2）Support the local GUI, IE and 4200 to configure the target filtering of human body and vehicle. According to the configuration of human body-vehicle filtering, there are three types of alarms: motion detection, motion detection + human body + picture, motion detection + vehicle + picture.

3）The smart playback interface for local playback and the remote ordinary playback interface add the option of human body-vehicle filtering. After checking, the human body-vehicle video information will be marked in red on the progress bar.

2.【Support adding audio and light alarm IPC】

1) The events that support the linkage of audio and light alarms are: Motion Detection (only on NVR that support motion detection 2.0), Intrusion Detection, Line Crossing Detection, Region Entrance Detection and Region Exiting Detection.

2) Support the configuration of IPC audio and light parameters on the NVR WEB interface, and the operation information will be recorded in the log.

3.【Support Hik-Connect to enable One-Key Do Not Disturb function】

1) After Hik-Connect enables the One-Key Do Not Disturb function, the NVR does not perform audio and light linkage and notify surveillance center, and the NVR alarm reception and recoding functions are carried out normally. after turning off the One-Key Do Not Disturb function, it returns to normal. Note: The One-Key Do Not Disturb function does not turn off the linkage of important alarm events. The specific alarm events are:

Advanced Motion Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection and Region Exiting Detection.

2) The One-Key Do Not Disturb function will only take effect on the same day after it is turned on, and it will be automatically turned off at 0 o'clock the next day.

4.【Support Hik-Connect / GuardingVision to scan NVR QR code to recover password】

1) Support local HC / GV scanning QR code and mailbox to recover password, Local GUI delete the recovery way of GUID and security issues; WEB still retain GUID, security issues and mailbox to recover password.

2) Only the NVR that has been bound to the HC / GV will display the option to scan the code to recover the password.

3) Only the NVR-bound HC / GV client account can successfully recover the password.

4) Require HC/ GV v4.3.0 and later.

5.【Support local decoding multi-track streams UHD resolution IPC】

Support single-screen live view and playback of multi-track streams UHD resolution IPC. The specific model of IPC is: panoramic series camera with up to 32MP resolution, DS-2CD6944G0 and DS-2CD6984G0.
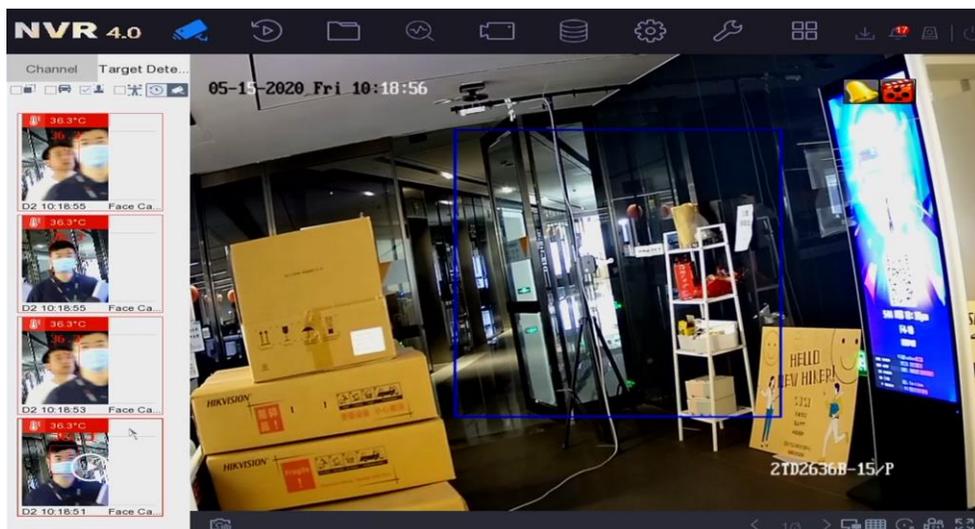
6. 【Support thermal camera temperature measurement alarm】
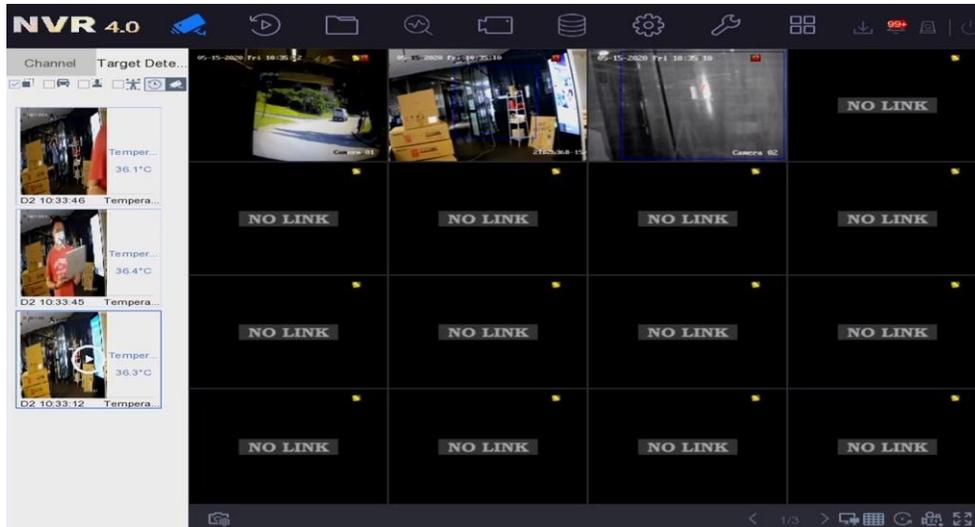
1) Support local target detection interface and 4200 to display real time temperature measurement alarm.

2) Support uploading pictures of visible light and thermal imaging to the platform software.

7. 【Support thermal cameral face temperature alarm】

1) Support local target detection interface and 4200 to display real time face temperature alarm, abnormal temperature display red background, normal temperature display green background.

2) Support the voice announcement function of face temperature state linkage. NVR has two English pronunciations: abnormal temperature and normal temperature. Normal temperature is not linked by default, and abnormal temperature is linked by default.
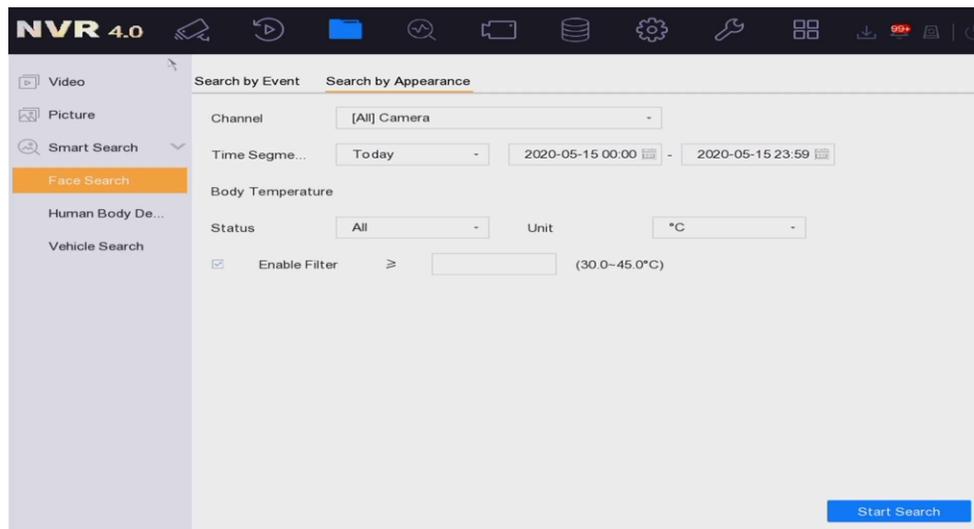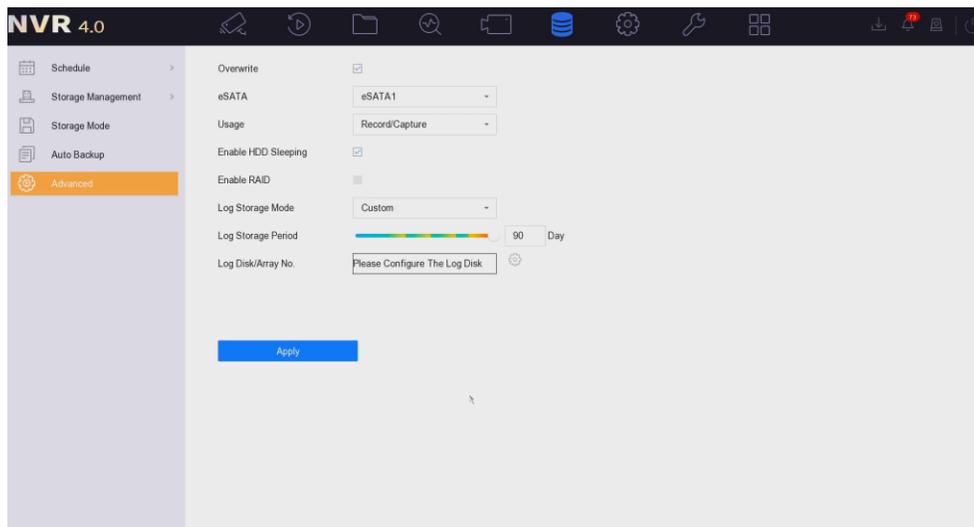

3) Support local and 4200 to search face pictures according to body temperature status and temperature range, and support to display search results in specified temperature units.

8.【Support IPv6 network】
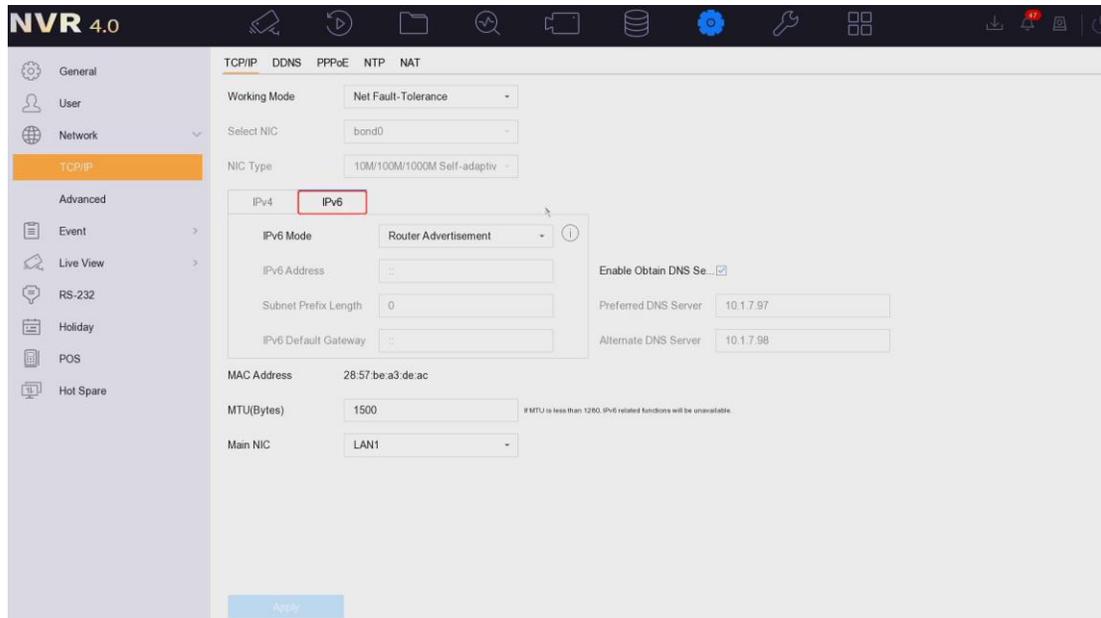
Support IPv6 network.

9.【Increase log storage period】

1) Designate one HDD as the log HDD to store logs, and add log HDD configuration and management.

2) Support to configure log storage period from 1 to 90 days.

3) After the HDD is used as the log HDD, the abnormality of the HDD, the full HDD, and the absence of the HDD will trigger the abnormal alarm of the log HDD.

Modified functions

1.【Optimization of bandwidth performance】

Improve the input / output bandwidth performance of the 96NI-I series to 320 / 256Mbps.

2.【Optimization of search performance】

Optimize the search mechanism and shorten the search time. improve the efficiency of search video, smart search, event video, pictures, IOT and logs.

3.【Optimization of WEB Live View interface】
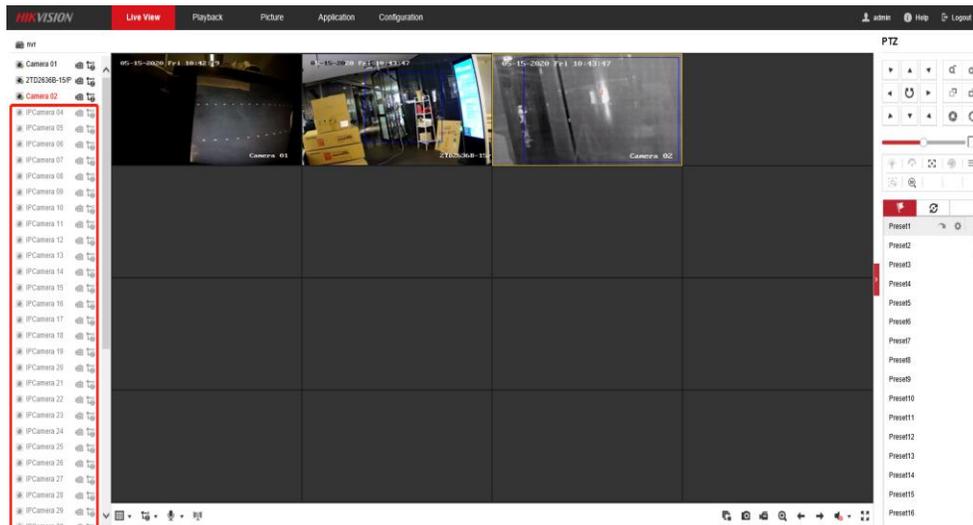
The WEB Live view interface of the IE browser adds channels that are not online, which will show in gray.

Fixed issues

1.【Fix the issue that the sub-stream cannot be accessed】

Fix the issue that the sub stream cannot be accessed when the network environment is poor.

2.【Fix the issue that Hik-Connect cannot be connected】

Fix the issue that NVR cannot go online with Hik-Connect when the network environment is poor.

Related product list:

I series NVR	DS-9600NI-I16, DS-9600NI-I8
	DS-7700NI-I4(/P), DS-7732NI-I4/24P
	DS-7700NI-I4(B)(/P), DS-7600NI-I2(/P)

Customer Impact and Recommended Action

This new firmware upgrade is to improve product performance, and will take effect automatically after upgrading from previous versions. We'd like to inform you the above changes. Also, we are sorry for any possible inconvenience of use-habit changes caused by this action.

Note:

- Hikvision has all rights to alter, modify and cancel this notice.

- Hikvision doesn't give any guarantee for old models' stock.

- Hikvision is not liable for any typing or printing errors.