

Title:	RN NVR	Version:	v4.40.015	Date:	062920
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Summary

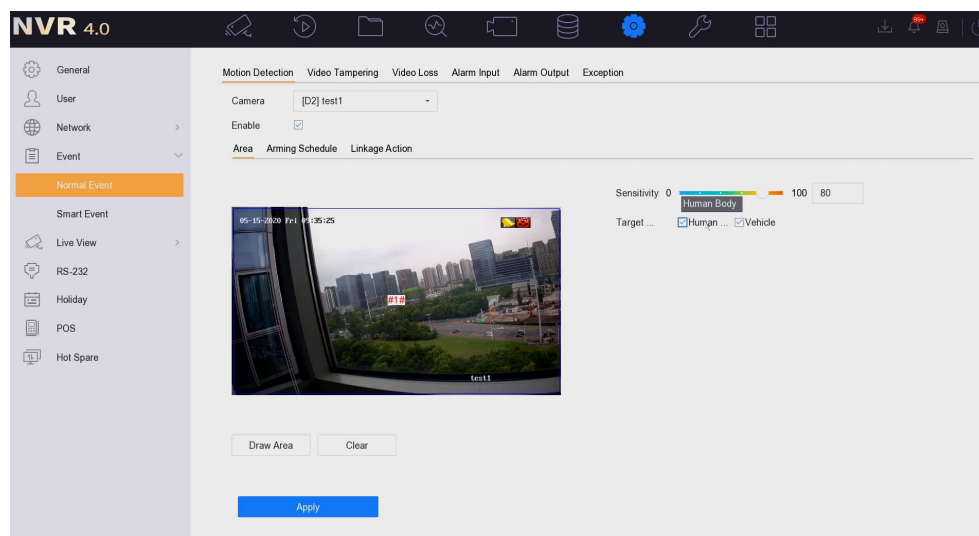
Firmware Basic Information	Firmware Version:	V4.40.015 build 200616
	SDK Version:	V6.1.4.40 build20200428
	Play Library:	V7.3.8.45
	Web component:	V4.0.1 build200428
	OpenSDK Version:	V2.4.0

Reason for Upgrade

Added new features and optimized product performance.

New Features

- Supports Adding Motion Detection 2.0 IPC



- Supports 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 IPC firmware version is required to be v5.5.130 or later.

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- Supports local GUI, IE, and 4200 to configure the target filtering of human bodies and vehicles. 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.



- 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.
- **Supports Adding Audio and Light Alarm IPC**
 - The events that support audio and light alarm linkage are: Motion Detection (only on NVRs that support motion detection 2.0), Intrusion Detection, Line Crossing Detection, Region Entrance Detection, and Region Exiting Detection.
 - Supports configuring IPC audio and light parameters on the NVR Web interface, and the operation information will be recorded in the log.
- **Supports Hik-Connect To Enable One-Key Do Not Disturb Function**
 - After Hik-Connect enables the One-Key Do Not Disturb function, the NVR does not perform audio and light linkage and notify the surveillance center, and the NVR alarm reception and recoding

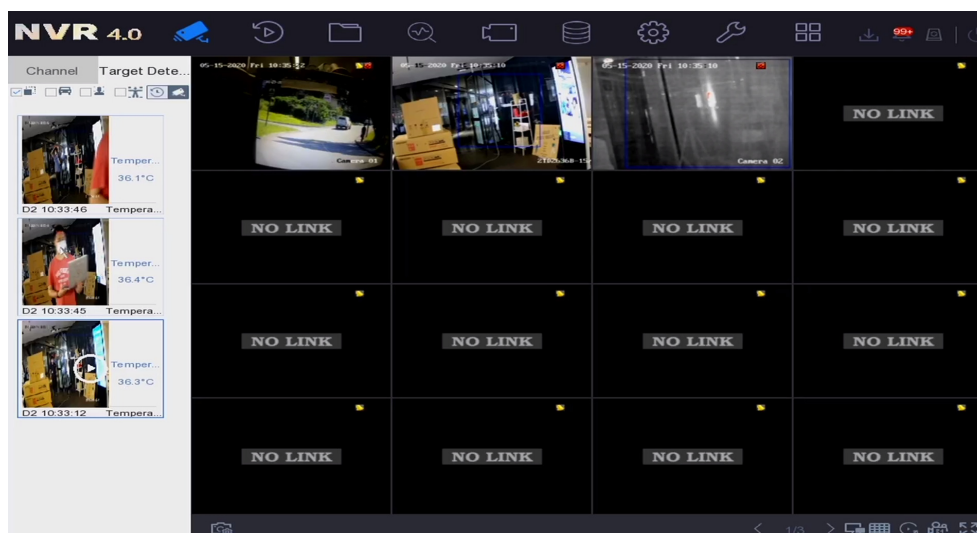
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functions are carried out normally. After turning off the One-Key Do Not Disturb function, it returns to normal.

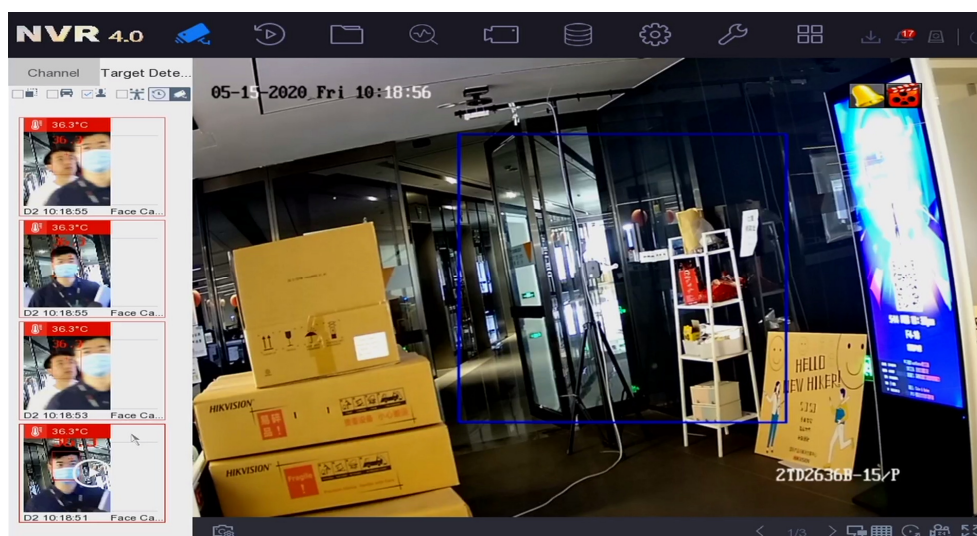
NOTE: The One-Key Do Not Disturb function does not turn off the linkage of important alarm events. The specific alarm events are: Advanced Motion Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, and Region Exiting Detection.

- The One-Key Do Not Disturb function will take effect only on the same day after it is turned on, and it will be automatically turned off at 0 o'clock the next day.
- **Supports Hik-Connect/GuardingVision To Scan NVR QR Code To Recover Password**
 - Supports local HC/GV scanning QR code and mailbox to recover password. Local GUI deletes the recovery way of GUID and security issues; Web still retains GUID, security issues, and mailbox to recover password.
 - Only NVRs that have been bound to the HC/GV will display the option to scan the code to recover the password.
 - Only NVR-bound HC/GV client accounts can successfully recover the password.
 - Requires HC/GV v4.3.0 or later.
- **Supports Local Decoding Multi-Track Streams UHD Resolution IPC**
 - Supports single-screen live view and playback of multi-track streams UHD resolution IPC. The specific IPC model is: Panoramic Series camera with up to 32 MP resolution, DS-2CD6944G0 and DS-2CD6984G0.
- **Supports Thermal Camera Temperature Measurement Alarm**

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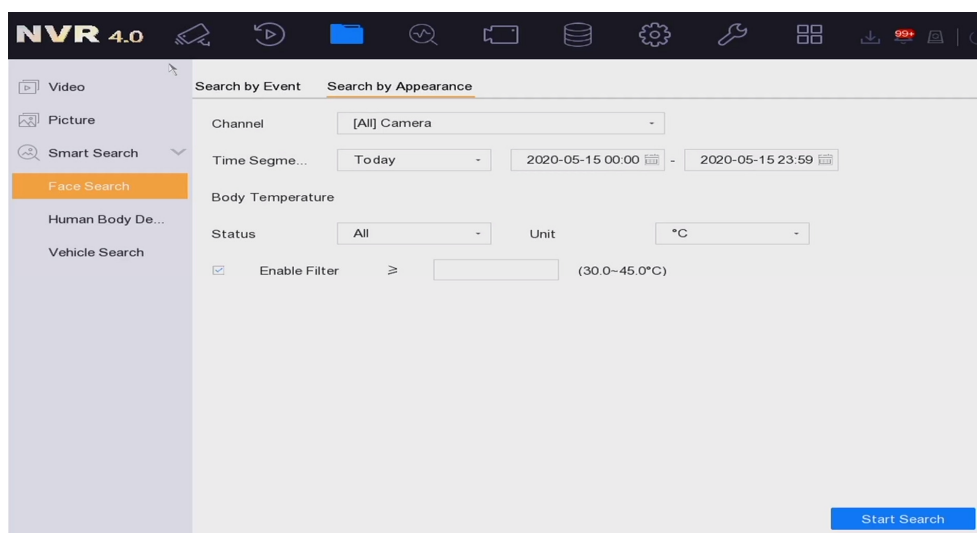


- Supports local target detection interface and 4200 to display real time temperature measurement alarm.
- Supports uploading pictures of visible light and thermal imaging to the platform software.
- Supports Thermal Camera Face Temperature Alarm



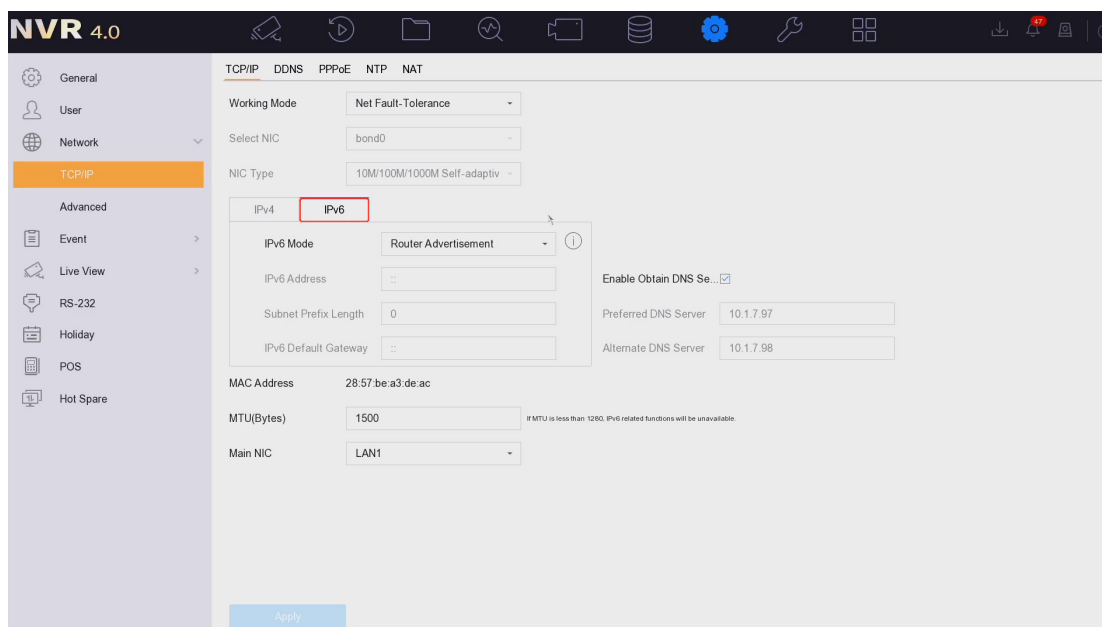
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- Supports local target detection interface and 4200 to display real time face temperature alarm, abnormal temperature display red background, normal temperature display green background.
- Supports the voice announcement function of face temperature 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.

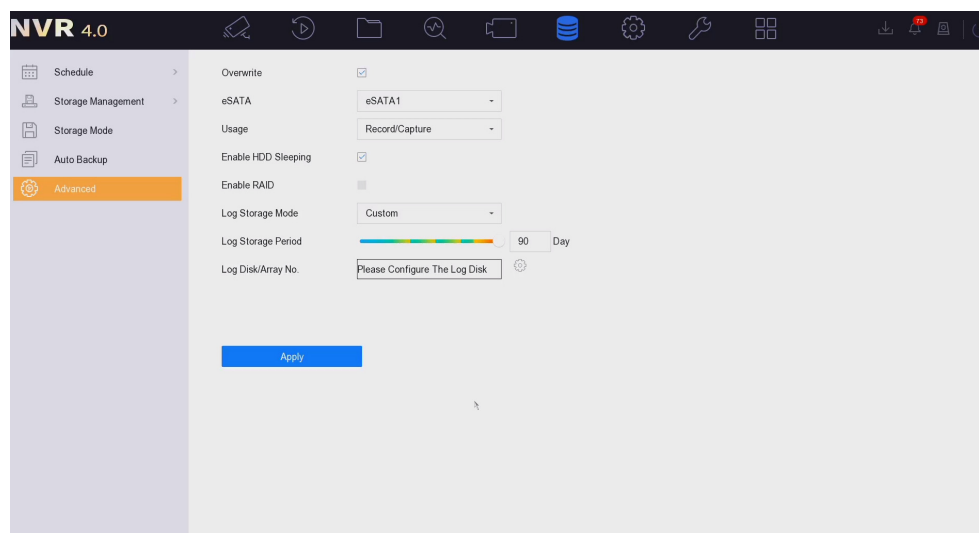


- Supports local and 4200 to search face pictures according to body temperature status and temperature range, and supports displaying search results in specified temperature units.
- Supports IPv6 Network

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- Supports IPv6 network.
- Increased Log Storage Period



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- Designates one HDD as the log HDD to store logs, and adds log HDD configuration and management.
- Supports configuring log storage period from 1 to 90 days.
- 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

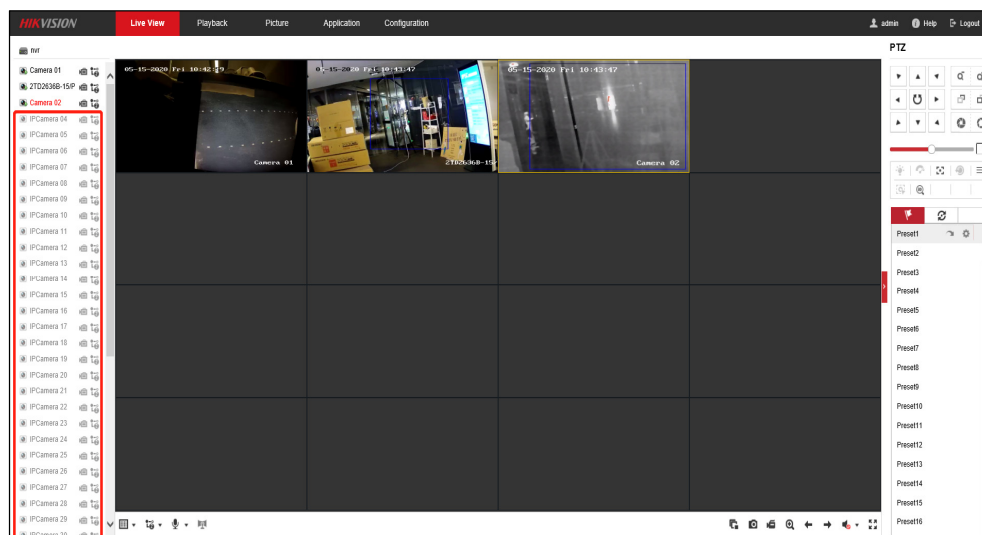
• Optimization of Bandwidth Performance

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

• Optimization of Search Performance

- Optimized the search mechanism and shortened the search time. improved the efficiency of search video, smart search, event video, pictures, IoT, and logs.

• Optimization of Web Live View Interface



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- The Web Live View interface of the IE browser adds channels that are not online, which will show in gray.

Fixed Issues

- **Fixed the Issue that the Sub-Stream Cannot Be Accessed**

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

- **Fixed the Issue that Hik-Connect Cannot Be Connected**

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

Related Products

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]
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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.

For questions or concerns, please contact our local technical support.

Remarks

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- 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.

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Notes

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