Network Video Recorder

Version: V4.60.005 build230307

Release Note

Firmware Basic Information	Firmware Version:	V4.60.005 build230307
	SDK Version:	V6.1.7.20_build20210513
	Play Library:	V7.3.9.55
	Web component:	V4.5.0build211101
	OpenSDK Version:	V2.1.4

Reason of Upgrade

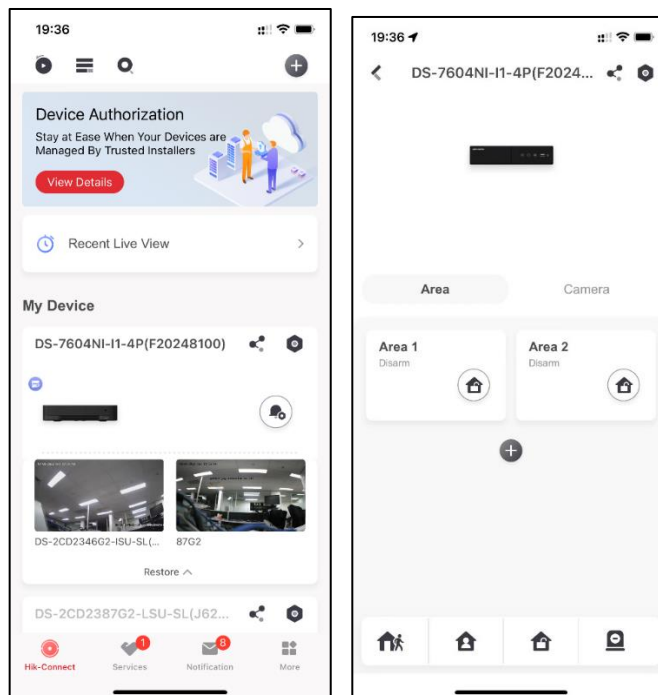Fix several bugs and optimize product performance

Bugs are listed as below

1, It may fail to do live view via Hik-Connect APP sometimes.

New features of previous version

1. 【Support Live-Guard function (4-ch included)】

It allows you to arm or disarm selected cameras or the entire system easily from Hik-Connect APP. For more details, please kindly refer to below link.
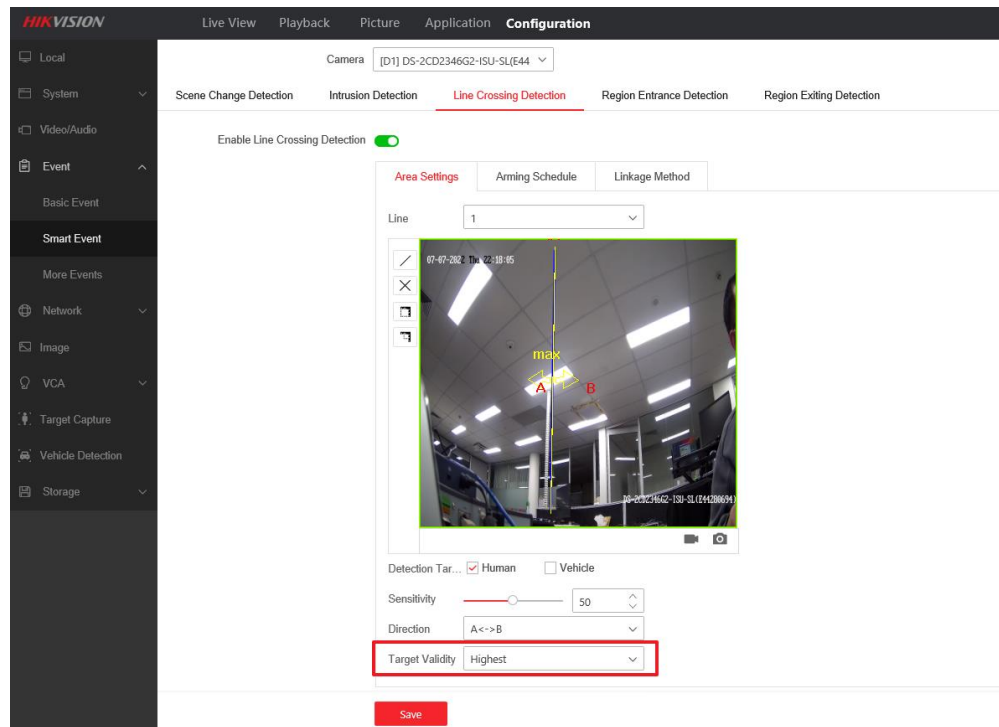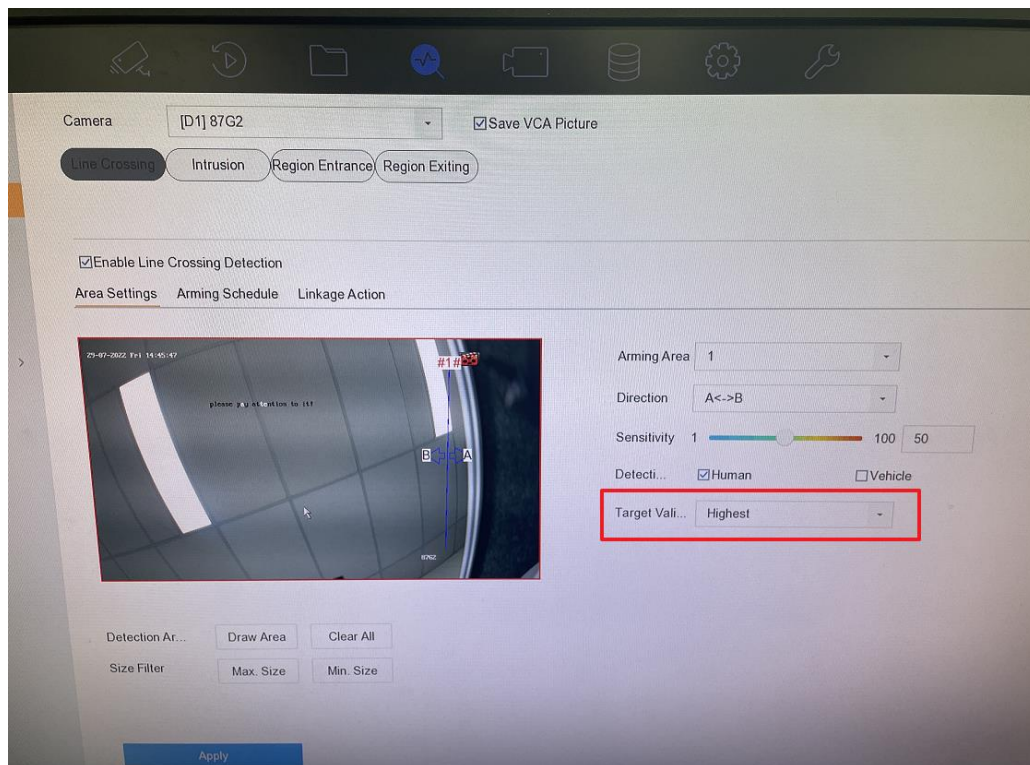
https://www.hikvision.com/au-en/solutions/solutions-by-function/Live-Guard/

2. 【Support configuration on 'Target Validity' in local/web interface】

In NVR's local/web page, you can configure the level of 'Target Validity'. And it is highest by default.
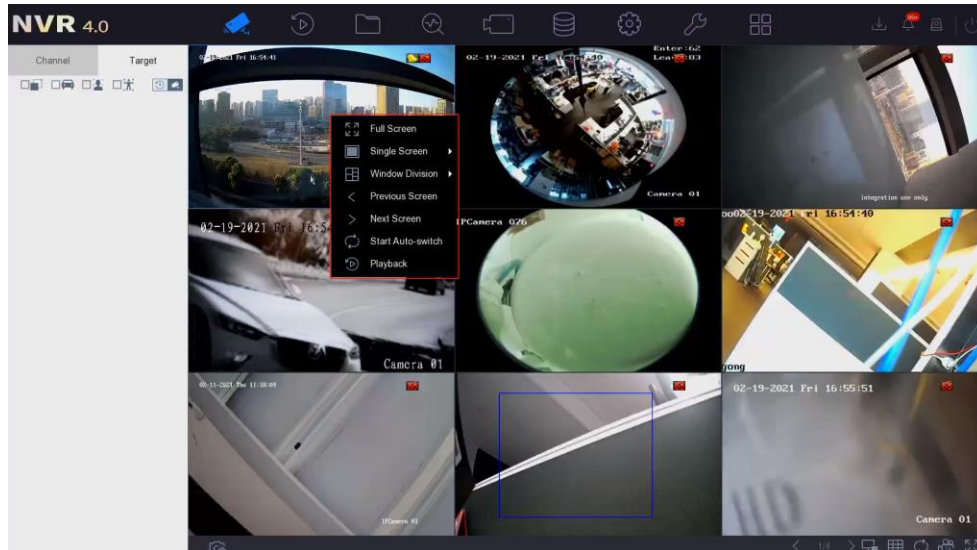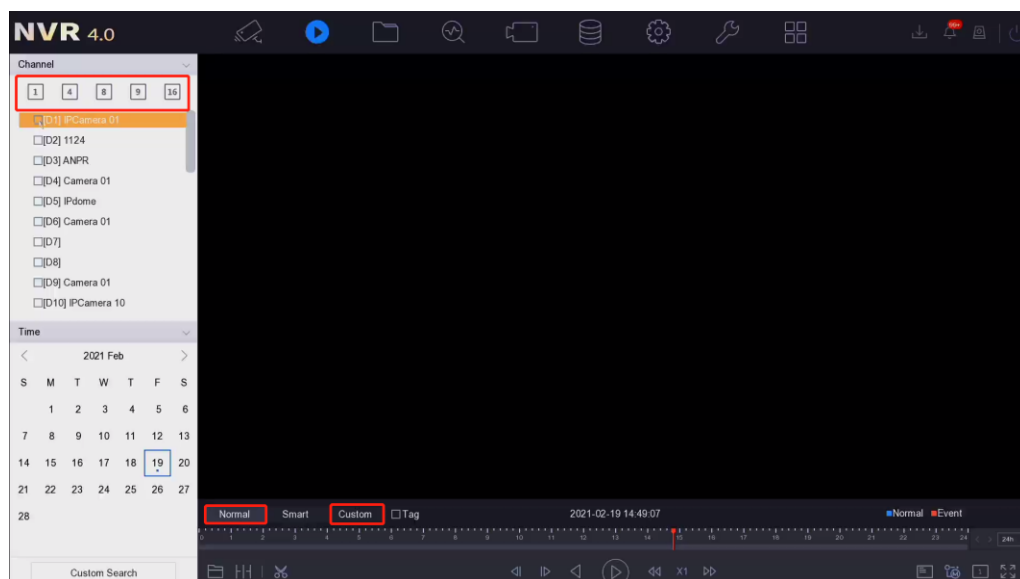
Web page:

Local page:

3. 【Local GUI menu operation optimization】

1) Local Live View supports shortcut operation of right-click menu. The specific menu options are: Single-screen selection; Multi-screen selection; Previous screen; Next screen; Start/stop Auto-switch; Add IP channel; Playback; PTZ control; Full screen/Main menu

2) Local normal playback and custom playback support channel group selection function.

3) The progress bar supports mouse wheel control when doing play back and the left mouse button is for positioning.

4) Remove the double progress bar, the progress bar only displays the video distribution of the currently selected channel.

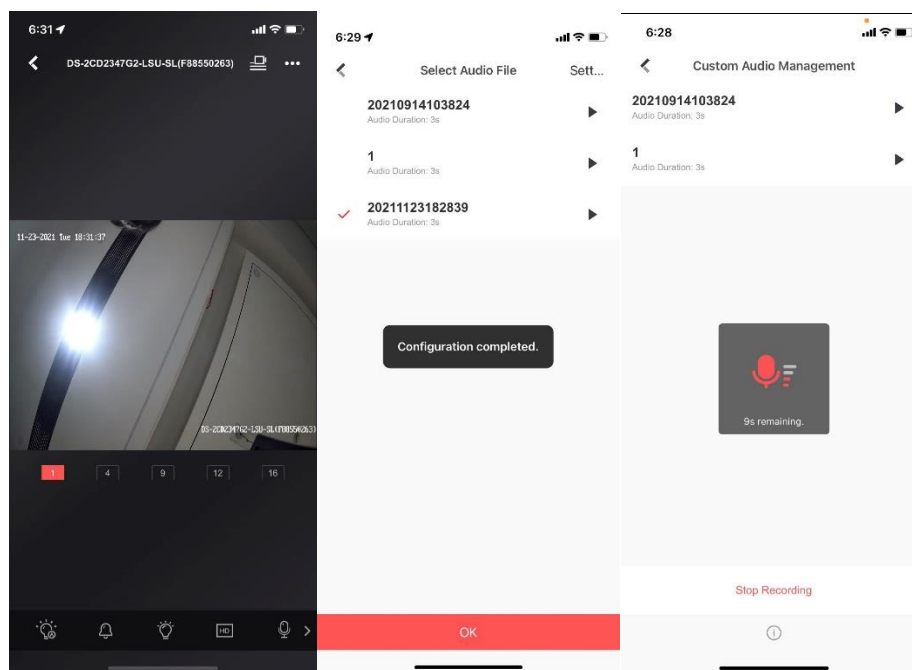## 4. 【Support displaying VCA information on GUI live view】

1. Support displaying VCA rules on GUI live view.

2. VCA rules display of 16 channels can be enabled at the same time.

3. Support enable/disable VCA rules for single channel.

4. The events of VCA rules can be displayed contain:

   (1) Perimeter Protection.

   (2) Human Body Detection.

   (3) Fire Source Detection.

   (4) Temperature Measurement of thermal camera.

5. 【Support triggering sound and light manually via Hik-Connect】

1. Support triggering sound and light alert of IPC through Hik-connect APP.

2. Support adjusting brightness of supply light through Hik-connect APP.

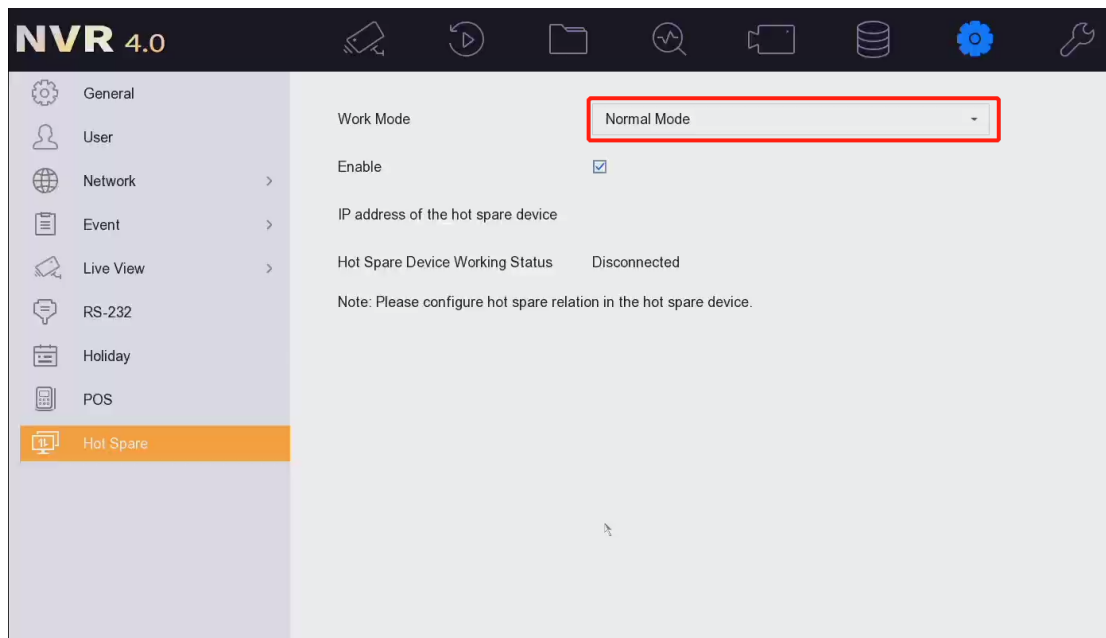3. Support importing custom audio through Hik-connect APP.
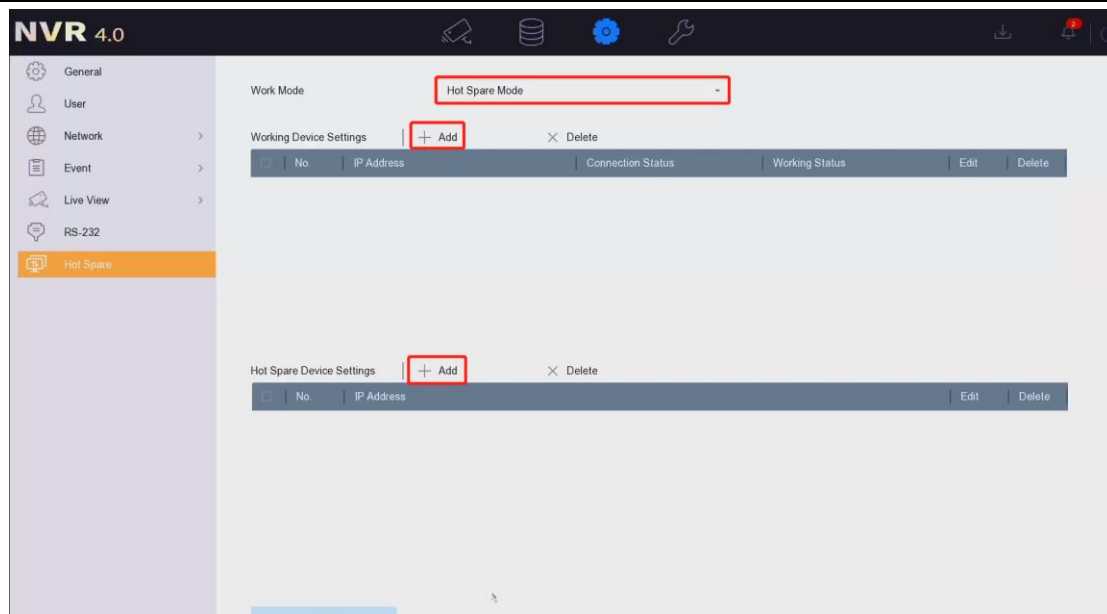
6. 【Support Panoramic ColorVu camera access】

1. Support Panoramic ColorVu camera access and display as its original image scale. The models are DS-2CD2T87G2P-LSU/SL, DS-2CD2387G2P-LSU/SL.
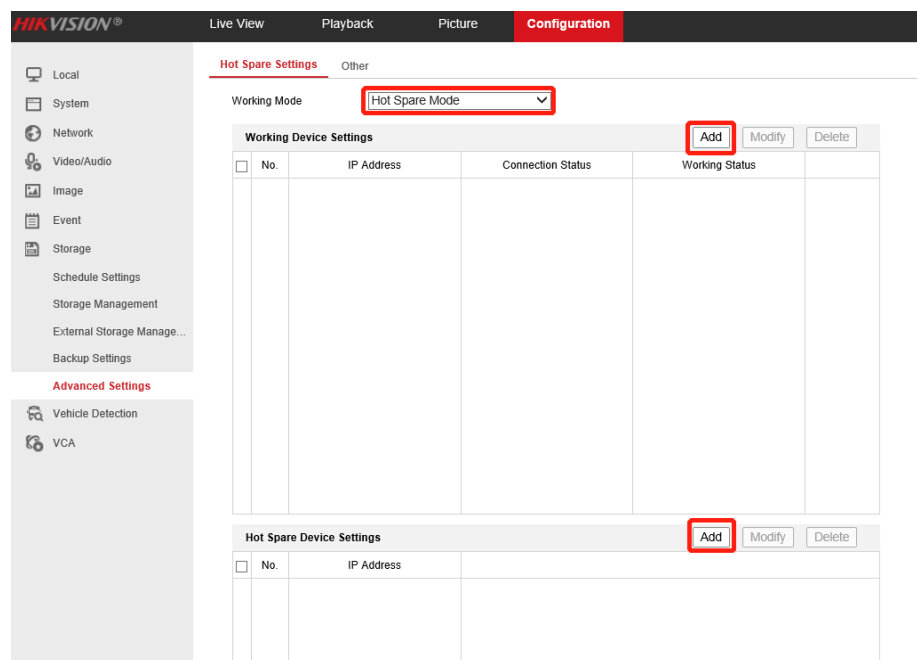
2. The main stream is up to 5120*1440, sub-stream is up to1920*540.

3. Support capture picture of IPC display at local GUI as its original image scale.

7. 【N+M function】

1) N+M system hot backup is to solve the scenario where multiple working machines fail at the same time, it supports adding up to 32 working machines and 32 hot backup machines.

2) The hot standby NVR can automatically take over the offline devices, and return the video after the NVR is back to normal.
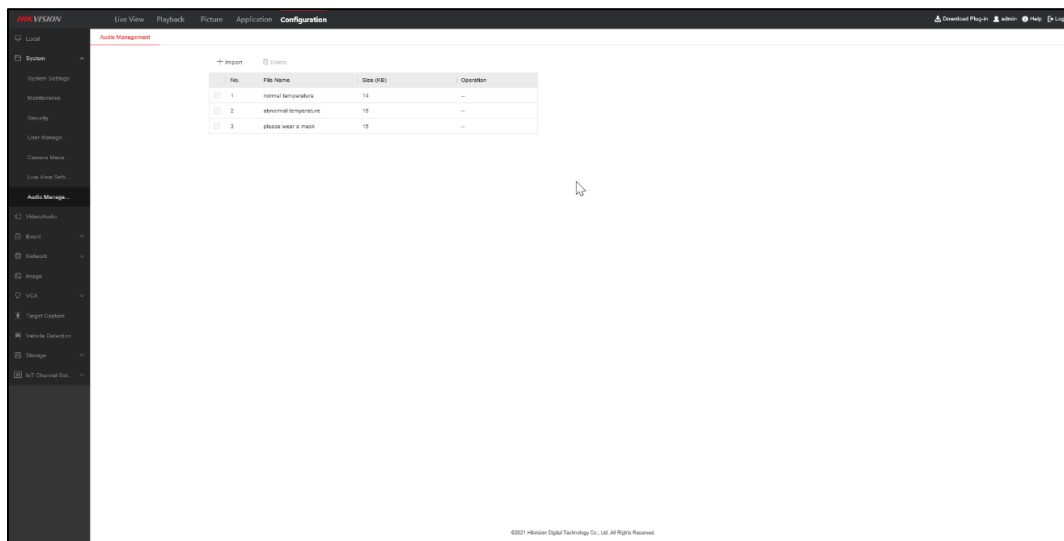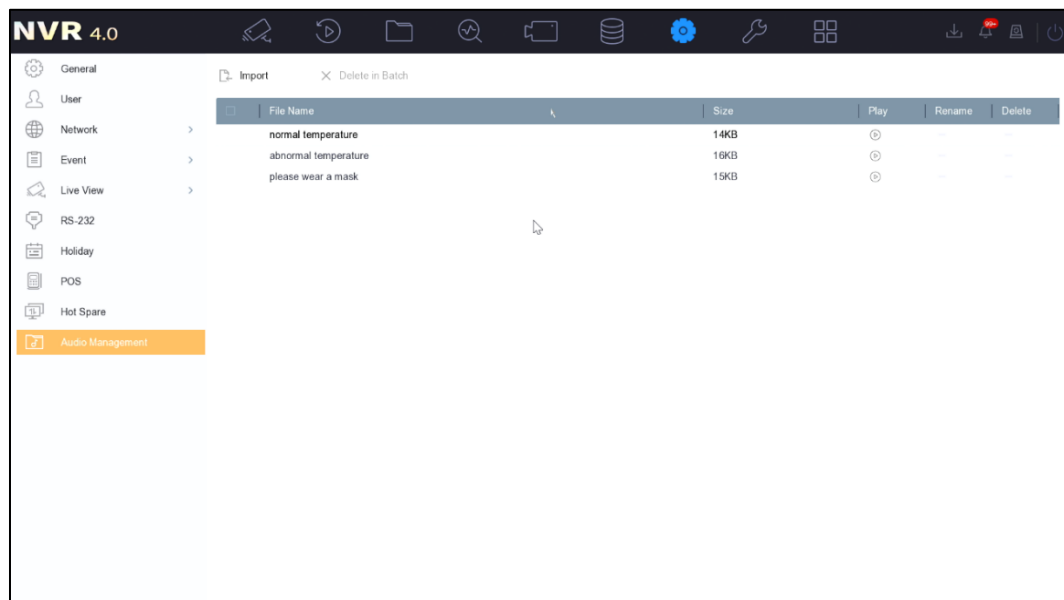
3) Compatible with the original N+1 function, the original local N+1 configuration menu is modified to the N+M configuration menu on web page but still not available on iVMS4200.

4) If the system is running in N+1 hot spare mode, new machines can be added as hot standby machines to form an N+M system.

8.　【Add Audio Alert Function】

Connecting an external speaker to 'AUDIO OUT' interface at NVR's rear panel or connecting a built-in speaker monitor with HDMI cable to NVR, once events happen, audio alert function will work.

1. Support importing custom audio file on web and local GUI.

   a. Support importing, renaming and deleting audio file in Audio Management interface. Support listening to audio file on local GUI.

   b. The total space for all audio files is 2MB. Size of single audio file should be 2K~ 1MB and max 16 audio files are supported.

   c. Support AAC and MP3 format audio.

2. Support alarm event linking audio file in Audio Management. Audio and arming schedule can be configured. The events that support linkage are Face Capture (only for thermal camera), Line Crossing Detection, Intrusion Detection, Region Entrance Detection and Region Exiting Detection.
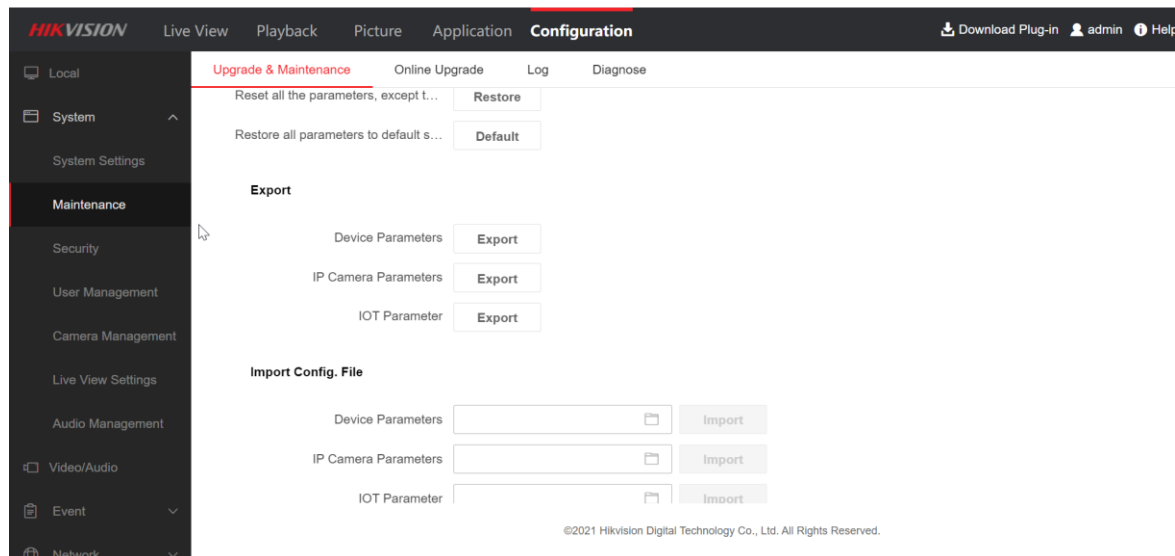
Modified functions

1. 【Password resetting modes modification】

1. When activating NVR, at least one method need be set to reset password.

2. If choosing to reset password by email, correct email address is mandatory.

3. If choosing to reset password by Hik-Connect, NVR should be added into a HC account first.

4. If choosing security questions, three questions and answers must be set.

2. 【New IPC parameter is included in import/export file】

Channel name is included in import/export file of IP camera parameters now.

3. 【Support switch between the main and auxiliary interface by mouse wheel】

Double-click mouse wheel on local GUI, it can switch between the main and auxiliary output.

4. 【WEB experience optimization】

Optimized WEB, it is smoother to use.

5. 【Fisheye expansion effect optimization】

Improved the smoothness of the fisheye expansion during playback.

Related product list:

I series NVR	DS-9600NI-I16, DS-9600NI-I8
	DS-7700NI-I4(B)(/P),DS-7600NI-I2(/P)
	DS-7604NI-I1/4P

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:

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