Network Video Recorder

Version: V4.71.005 build220524

Release Note

Firmware Basic Information	Firmware Version:	V4.71.005 build220524
	SDK Version:	V6.1.8.25_build20211110
	Play Library:	7.3.5.0
	Web component:	V4.0.1 build 220325
	OpenSDK Version:	V2.7.0 build 201014

Reason of Upgrade

Fix known defects and optimize product performance.

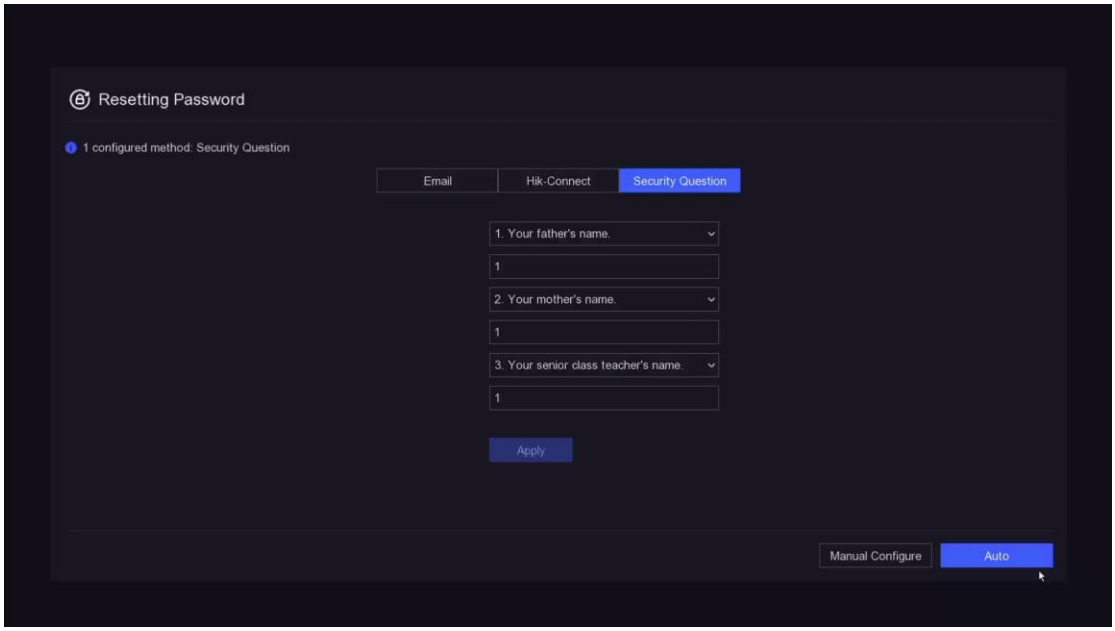
New Features

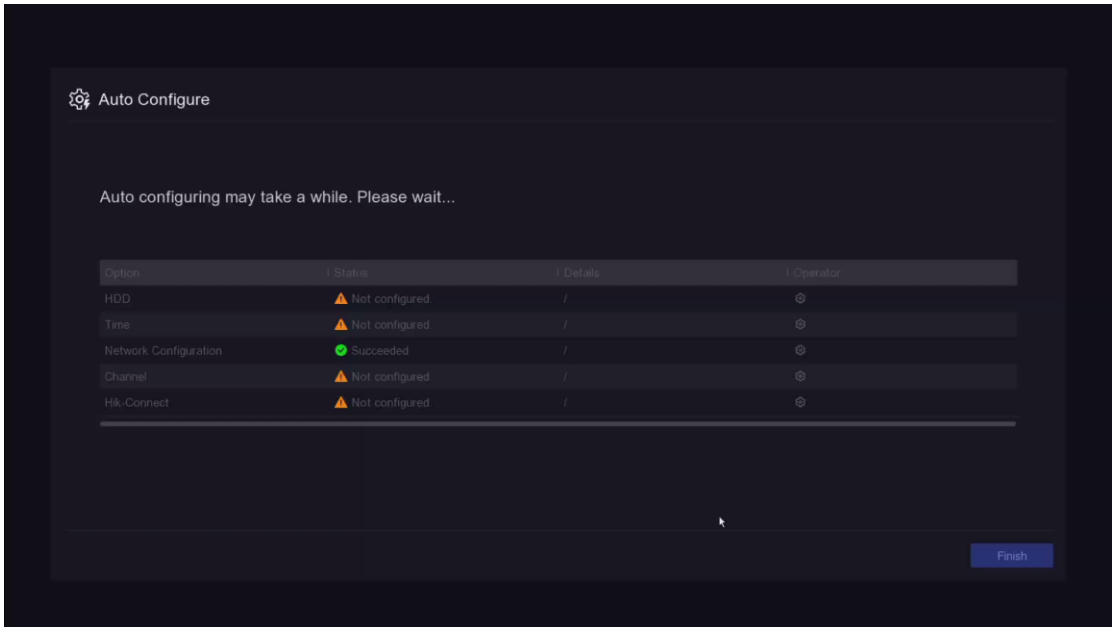
Auto NVR2.0 Configure

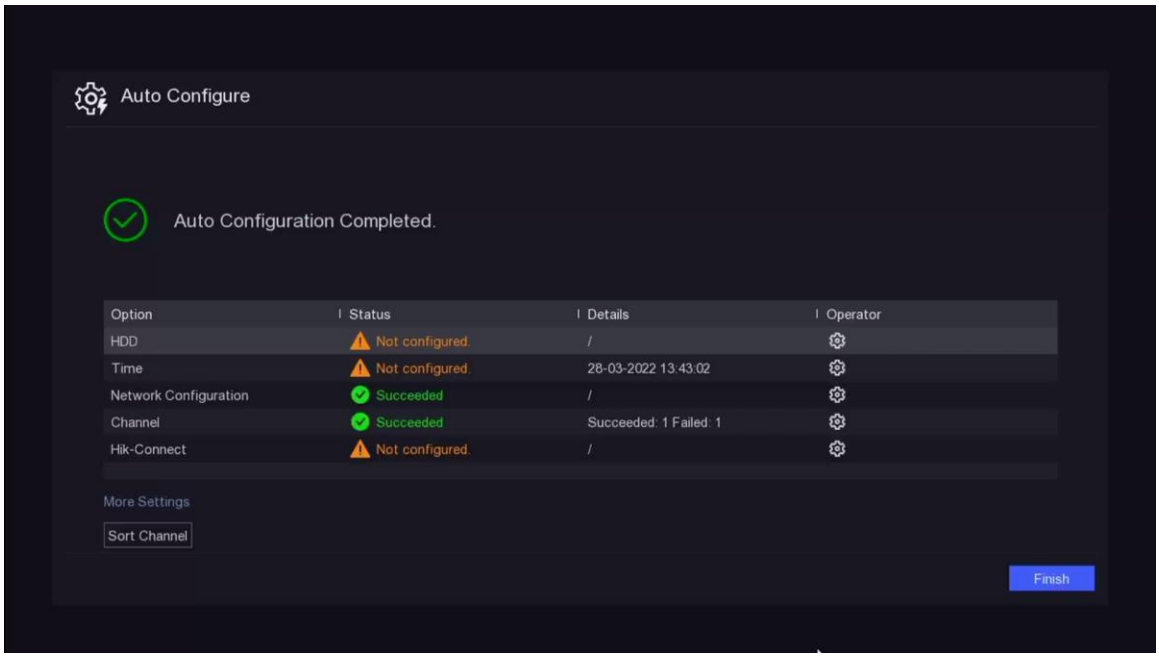
HDD: If there is an unformatted hard disk connected, a pop-up window will remind the user to format the hard disk. This HDD item will keep unconfigured if the user cancel it. When there's no hard disk connected or status of HDD is normal, it will show unconfigured.

Time: Unconfigured by default;

Hik-Connect: Unconfigured by default;

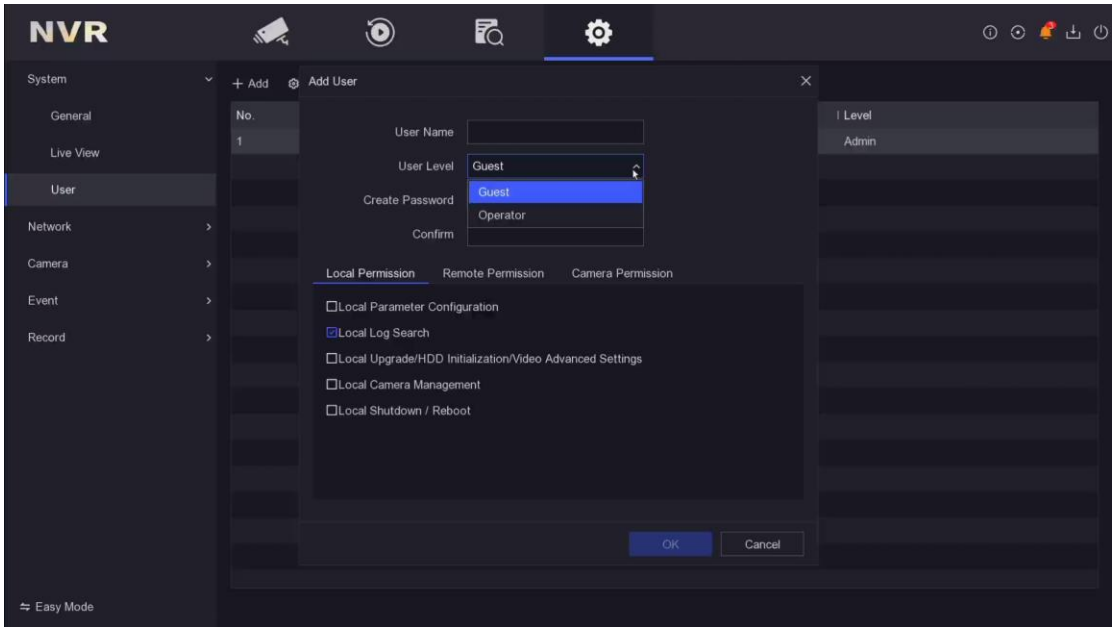






Support Adding User on local EUI and configure permission

You can select Guest or Operator when you Add User. You can configure Local Permission, Remote Permission and Camera Permission on Local EUI.



Support upgrading the connected IP cameras through the NVR

There are two ways to upgrade the connected IP cameras in Local EUI: Online Upgrade and Local Upgrade. You can also upgrade in Web, iVMS-4200 and Hik-ProConnect.

Local EUI:

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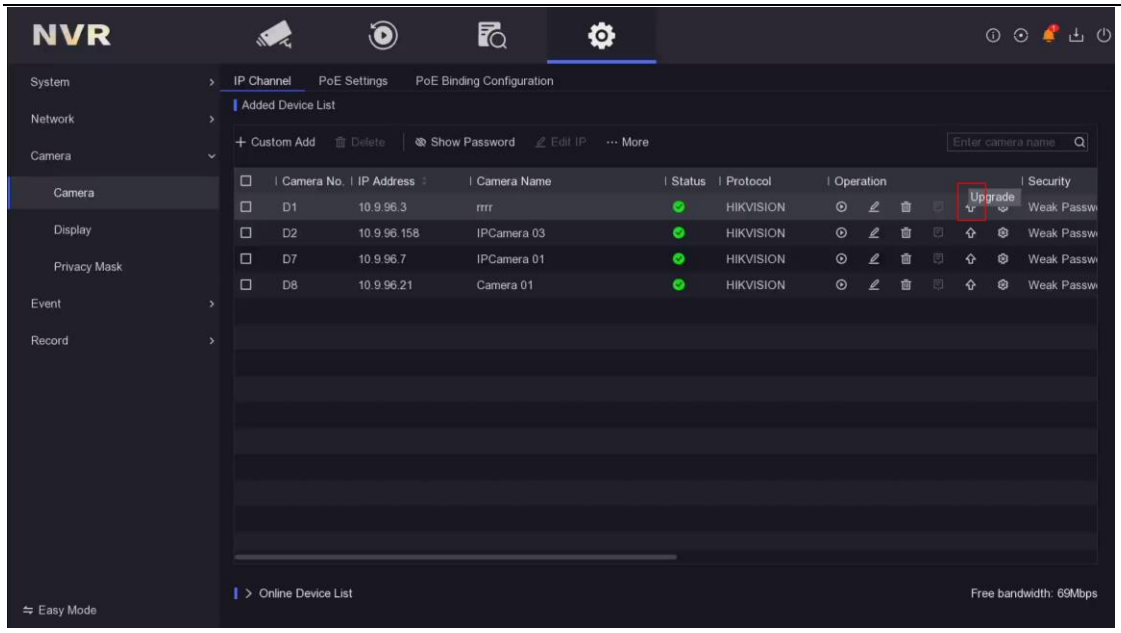
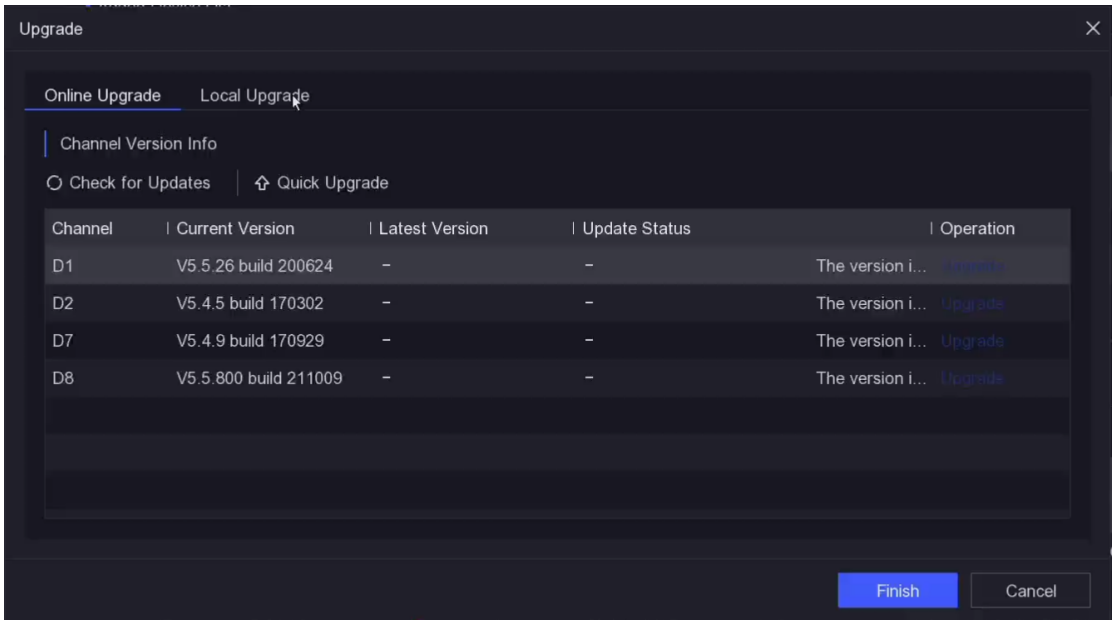
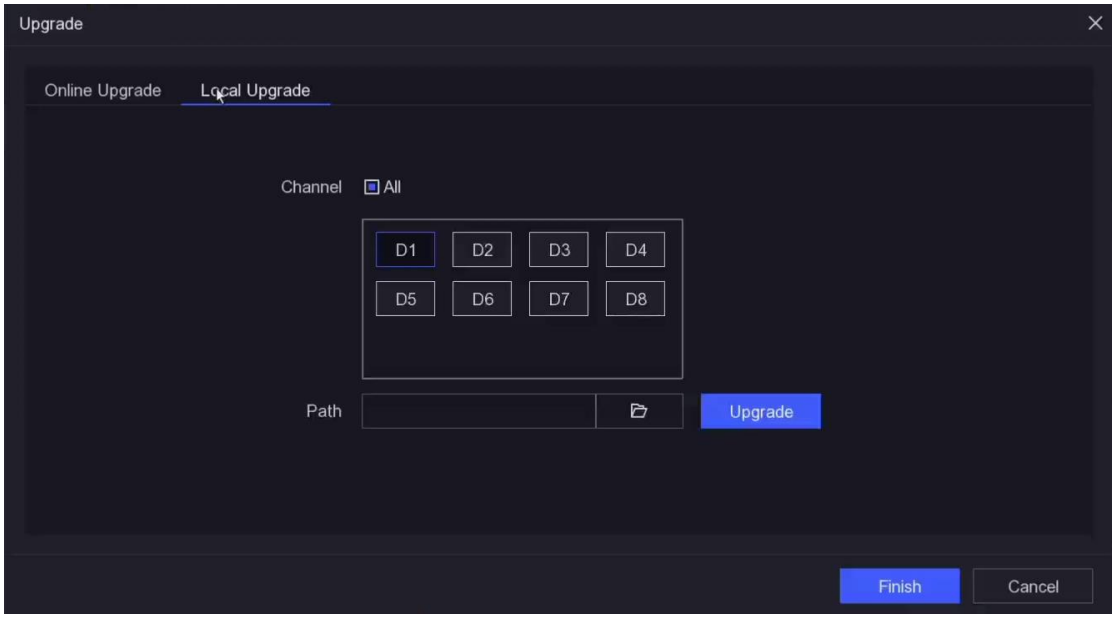
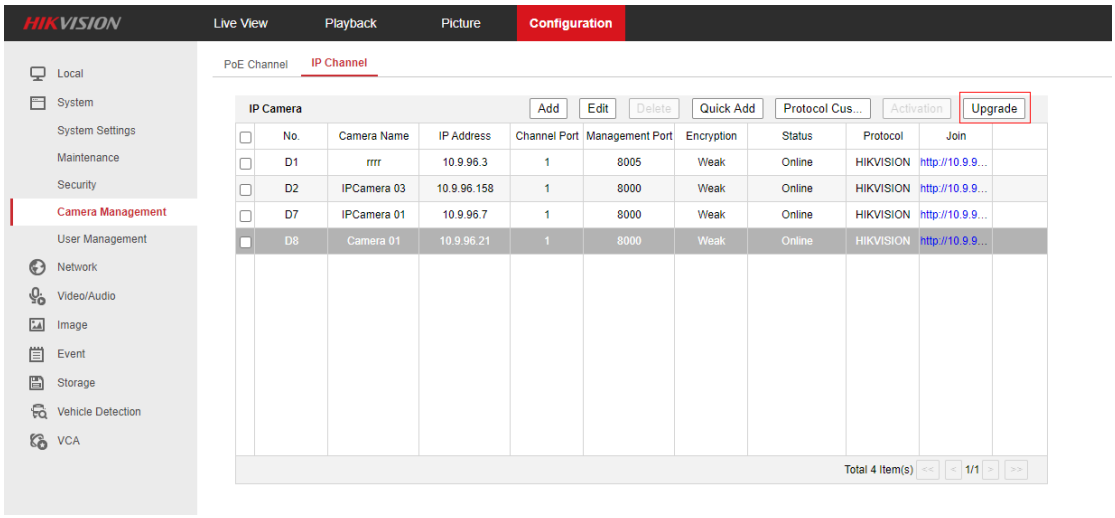
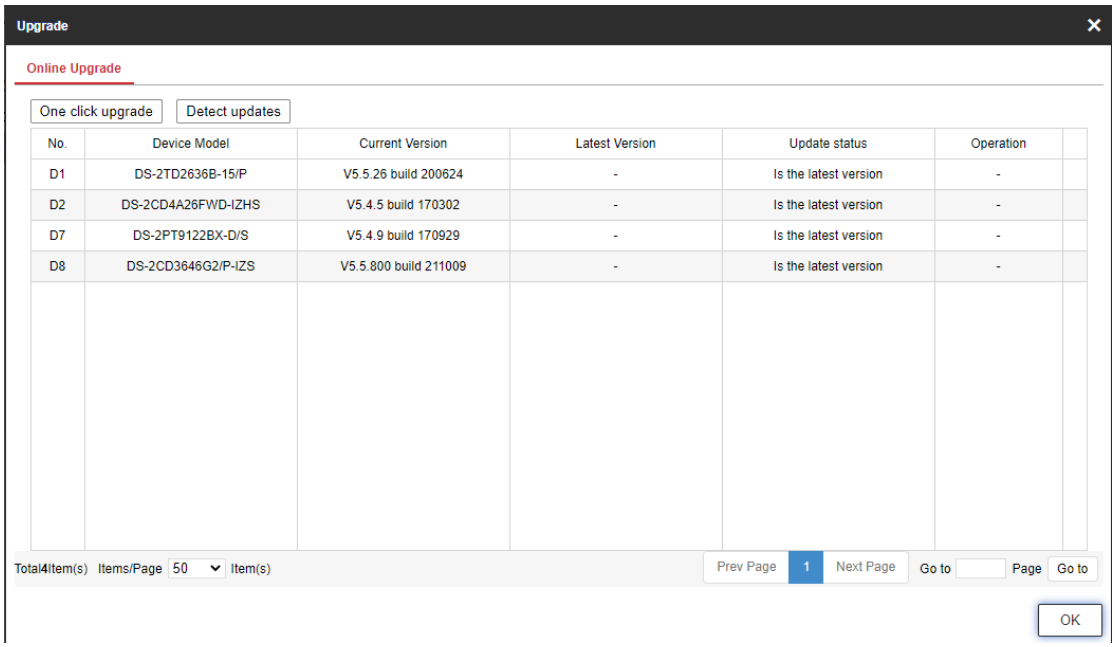





Upgrade
Online Upgrade
Local Upgrade
Channel
All
D1
D2
D3
D4
D5
D6
D7
D8
Path
Upgrade
Finish
Cancel

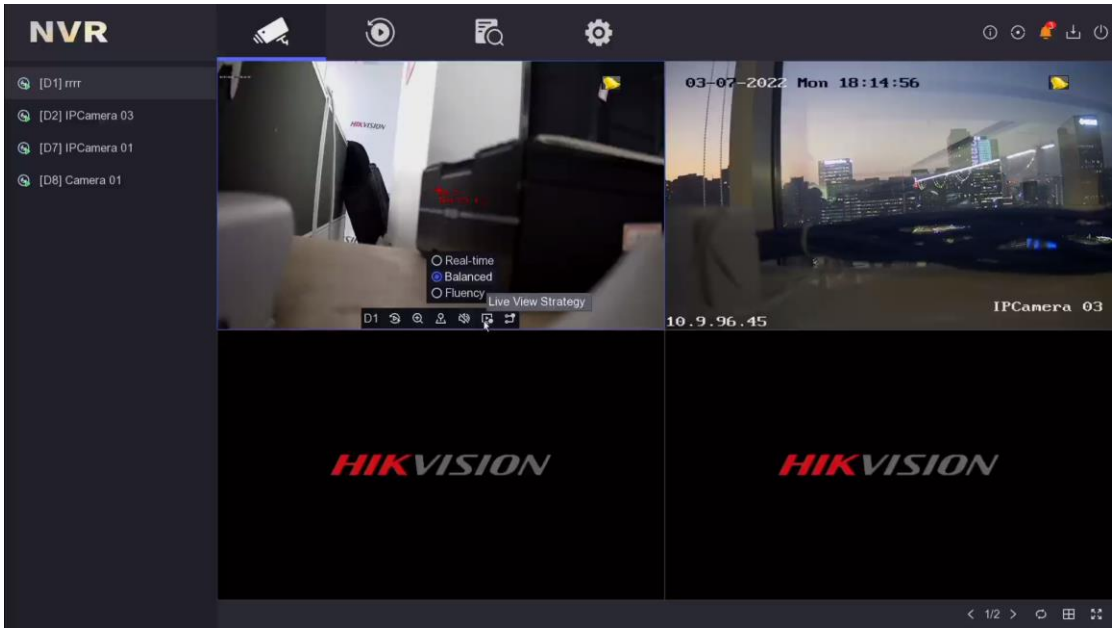
Web:


HIKVISION
Live View
Playback
Picture
Configuration
Local
System
System Settings
Maintenance
Security
Camera Management
User Management
Network
Video/Audio
Image
Event
Storage
Vehicle Detection
VCA
PoE Channel
IP Channel
IP Camera
Add
Edit
Delete
Quick Add
Protocol Cus...
Activation
Upgrade
No.
Camera Name
IP Address
Channel Port
Management Port
Encryption
Status
Protocol
Join
D1 rrrr 10.9.96.3 1 8005 Weak Online HIKVISION http://10.9.9...
D2 IPCamera 03 10.9.96.158 1 8000 Weak Online HIKVISION http://10.9.9...
D7 IPCamera 01 10.9.96.7 1 8000 Weak Online HIKVISION http://10.9.9...
D8 Camera 01 10.9.96.21 1 8000 Weak Online HIKVISION http://10.9.9...
Total 4 Item(s)
1/1



Support Live view Strategy on Local EUI

You can change Live View Strategy to Real-time or Balanced or Fluency.



Add hardware information display

You can get hardware information from Local EUI and Web.

The format is XX-XX-XX-XX. This is divided into four character areas. Each character area are separated by "-", for example: B-R-K51-00

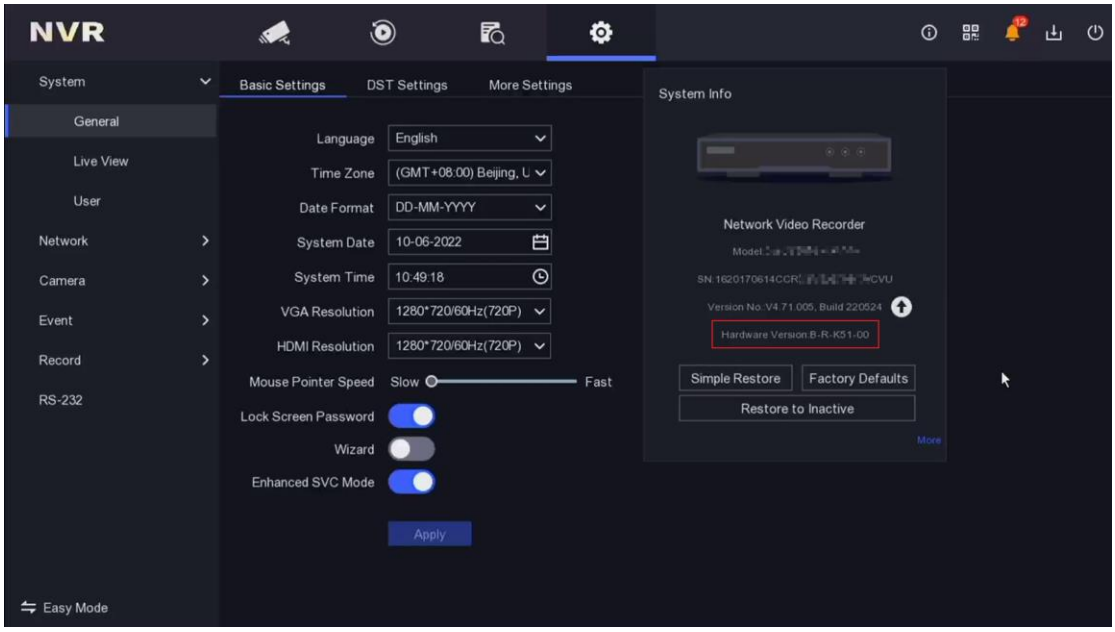
The first character area is 1 bit, distinguishing the baseline and customization: B-baseline product, C-customized product.

The second character area is 1 bit to distinguish whether it is an issue ticket firmware: R-non-issue ticket firmware, F- issue ticket fixed firmware.

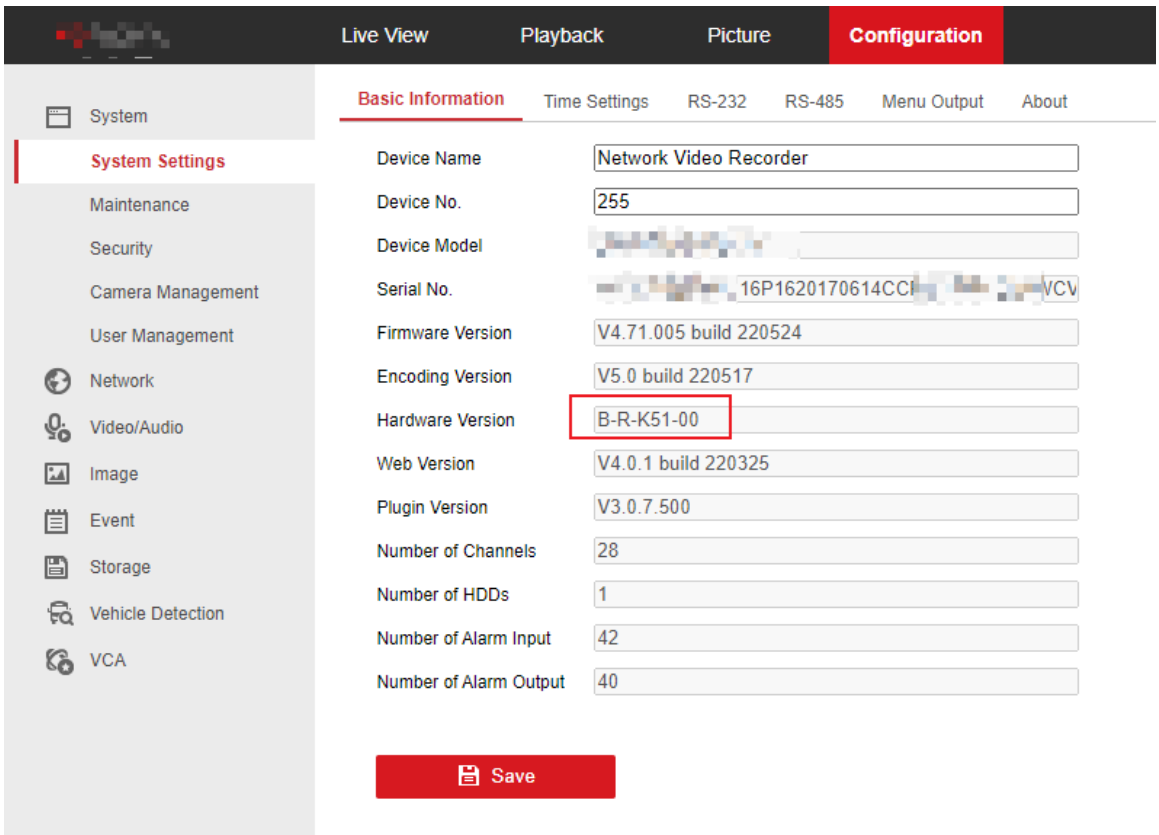
The third character area should not exceed 28 characters, distinguish the platform and 1 subcontracting information: K51_KT2, X50, K20B2_E (overseas Asian subcontracting)...

The 4th character area is 2 digits, area extension digits: 2 digits in hexadecimal, range 00-FF. The first 0 is the prototype machine, 1 is the derivative machine, this version is not implemented, reserved. Second place reserved.

Local EUI:


NVR
System
General
Live View
User
Network
Camera
Event
Record
RS-232
Basic Settings
DST Settings
More Settings
Language
English
Time Zone
(GMT+08:00) Beijing, U
Date Format
DD-MM-YYYY
System Date
10-06-2022
System Time
10:49:18
VGA Resolution
1280*720/60Hz(720P)
HDMI Resolution
1280*720/60Hz(720P)
Mouse Pointer Speed
Slow
Fast
Lock Screen Password
Wizard
Enhanced SVC Mode
Apply
Easy Mode
System Info
Network Video Recorder
Hardware Version:B-R-K51-00
Simple Restore
Factory Defaults
Restore to Inactive
More

Web:


Live View
Playback
Picture
Configuration
System
System Settings
Maintenance
Security
Camera Management
User Management
Network
Video/Audio
Image
Event
Storage
Vehicle Detection
VCA
Basic Information
Time Settings
RS-232
RS-485
Menu Output
About
Device Name
Network Video Recorder
Device No.
255
Device Model
Serial No.
Firmware Version
V4.71.005 build 220524
Encoding Version
V5.0 build 220517
Hardware Version
B-R-K51-00
Web Version
V4.0.1 build 220325
Plugin Version
V3.0.7.500
Number of Channels
28
Number of HDDs
1
Number of Alarm Input
42
Number of Alarm Output
40
Save

Support displaying stitching cameras in original scale

For cameras with special resolutions such as stitching cameras, the screen will display in original scale by default.

Support configuring cloud storage function on HikProConnect

Support configuring cloud storage function on HikProConnect.

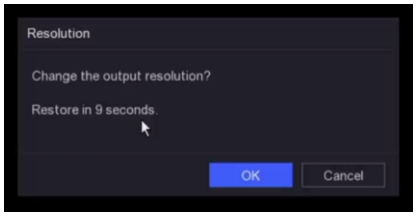
Modified functions

Live view streaming strategy and related tips optimization

1. On the basis of the original live view strategy, add the function of saving the current window stream type;
2. When the sub-stream cannot be live view, it will prompt " Sub-stream Abnormal";
3. When live view the main stream, if the decoding resources are insufficient, the user will be prompted to switch to the sub-stream; after switching the sub-stream, if the resources are still insufficient, the user will be prompted to modify the resolution of the sub-stream;

Twice confirmation modification for the resolution of the local interface

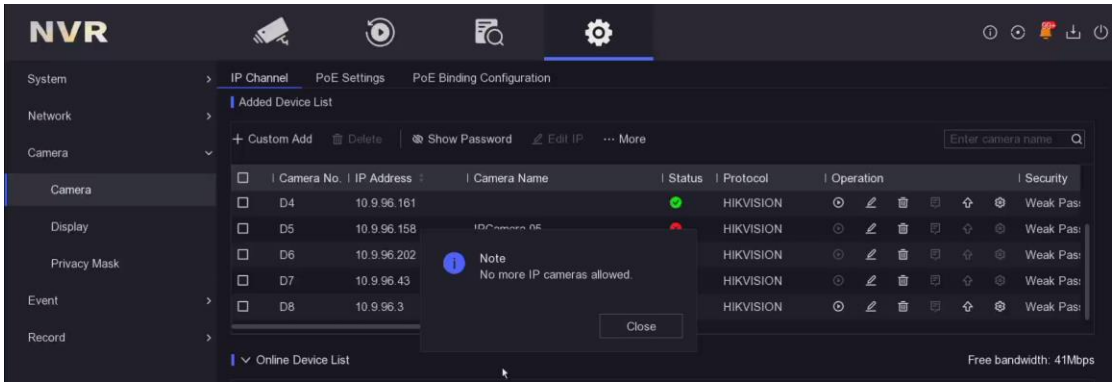
After switching the output resolution of the local interface, a pop-up window will prompt the user to confirm again. The pop-up window counts down for 15 seconds. If the user does not confirm the output resolution, the output resolution will be restored to the original resolution.



All channels of the camera are added by default when adding a multi-channels camera

1. When adding a multi-channels camera to the local EUI, all channels of the camera are added by default;

2. When adding with one click, the channels will be added in channel orders. When the channels exceed the upper limit or the bandwidth reaches the upper limit, the remaining channels of the camera will not be added, and a prompt "No more IP cameras allowed."



Default parameter modification when IP Cameras connected

Function	original logic	Modified logic
Alarm Arming Time	1. Forcibly modify the arming of the IP Cameras	1. Except for motion detection alarm, other alarm types not enable the

	alarm event to 7*24 hours each time it is reconnected; 2. Open the notify surveillance center of IP Cameras;	notify surveillance center; 2. The default arming time on the device side is 7*24 hours, and the first connection is synchronized to the IP Cameras; every time the alarm configuration is set, the arming time is synchronized to the IP Cameras; 3. IP Cameras reconnection is not synchronized with the arming time；

Related product list:

K series NVR	DS-76xxNI-K2 DS-76xxNI-K2/xP DS-77xxNI-K4 DS-77xxNI-K4/xP

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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.

Note:

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