

Network Video Recorder

Version: V4.61.000 build220507

Release Note

Firmware Basic Information	Firmware Version:	V4.61.000 build220507
	SDK Version:	V6.1.8.45
	Play Library:	V7.3.9.55
	Web component:	V4.5.0build220506
	OpenSDK Version:	V2.9.7

Reason of Upgrade

Add new functions and optimize product performances.

New features

【Support Access to Object Throwing from Building Detection Camera】

1. Support access to IPC that support object throwing from building detection. Support event search of object throwing from building, alarm popup, trajectory overlay of live view and playback.
2. Support event transparent transmission via SDK/ISAPI/ISUP/EZVIZ.

Platform Supported:

HCP

【EZVIZ Platform Access Features Improvement】

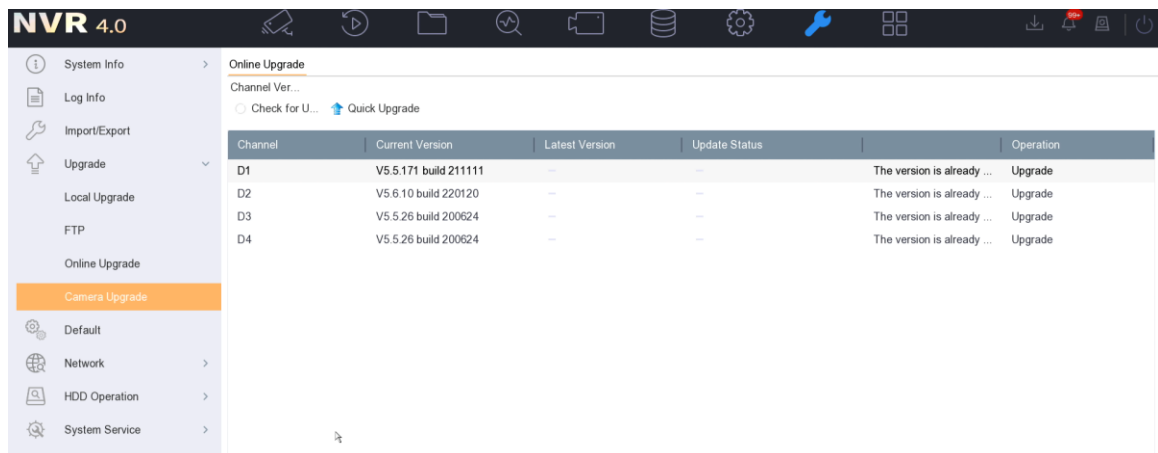
1. Support device exception information reporting to EZVIZ Platform. Exception information includes HDD status, recording status, channel status and illegal login.
2. Support EZVIZ platform speed up download videos.

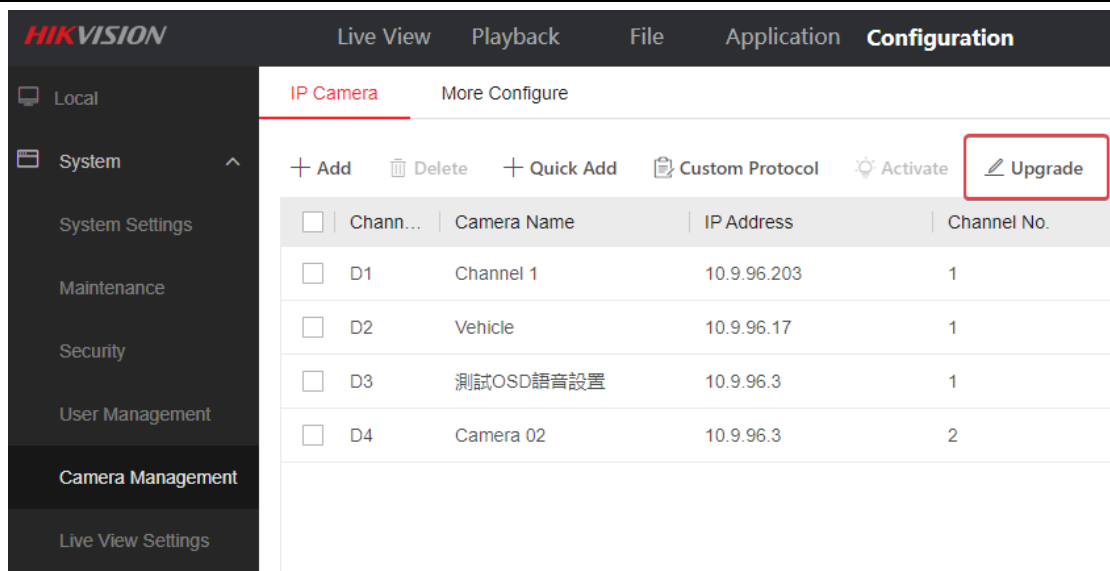
Platform Supported:

Hik-ProConnect

【Support IPC Online Upgrade through NVR】

1. NVR accessed to platform with EZVIZ protocol supports version upgrade of connected cameras.
2. NVR accessed to iVMS-4200 supports version upgrade of connected cameras in LAN.





The screenshot shows the Hikvision web interface with the 'Configuration' menu selected. The 'IP Camera' section is active, displaying a table of camera configurations. The 'Upgrade' button is highlighted with a red box.

<input type="checkbox"/>	Chann...	Camera Name	IP Address	Channel No.
<input type="checkbox"/>	D1	Channel 1	10.9.96.203	1
<input type="checkbox"/>	D2	Vehicle	10.9.96.17	1
<input type="checkbox"/>	D3	測試OSD語音設置	10.9.96.3	1
<input type="checkbox"/>	D4	Camera 02	10.9.96.3	2

【Support Alarm Reception and Linkage of Thermal Camera】

1. Support face capture, smoke and fire alarm reception, and support recording and alarm linkage of relevant alarm types.
2. Support local or remote event search according to alarm type.

Camera models supported:

DS-2TD41XX series thermal camera

NVR 4.0

Camera: [D5] Camera 01 Save VCA Picture

Audio Exception: **Fire and Smok**

Arming Schedule Linkage Action

Continuous None Edit

	0	2	4	6	8	10	12	14	16	18	20	22	24	
Mon	█	█	█	█	█	█	█	█	█	█	█	█	█	1
Tue	█	█	█	█	█	█	█	█	█	█	█	█	█	2
Wed	█	█	█	█	█	█	█	█	█	█	█	█	█	3
Thu	█	█	█	█	█	█	█	█	█	█	█	█	█	4
Fri	█	█	█	█	█	█	█	█	█	█	█	█	█	5
Sat	█	█	█	█	█	█	█	█	█	█	█	█	█	6
Sun	█	█	█	█	█	█	█	█	█	█	█	█	█	7

Apply

HIKVISION Configuration

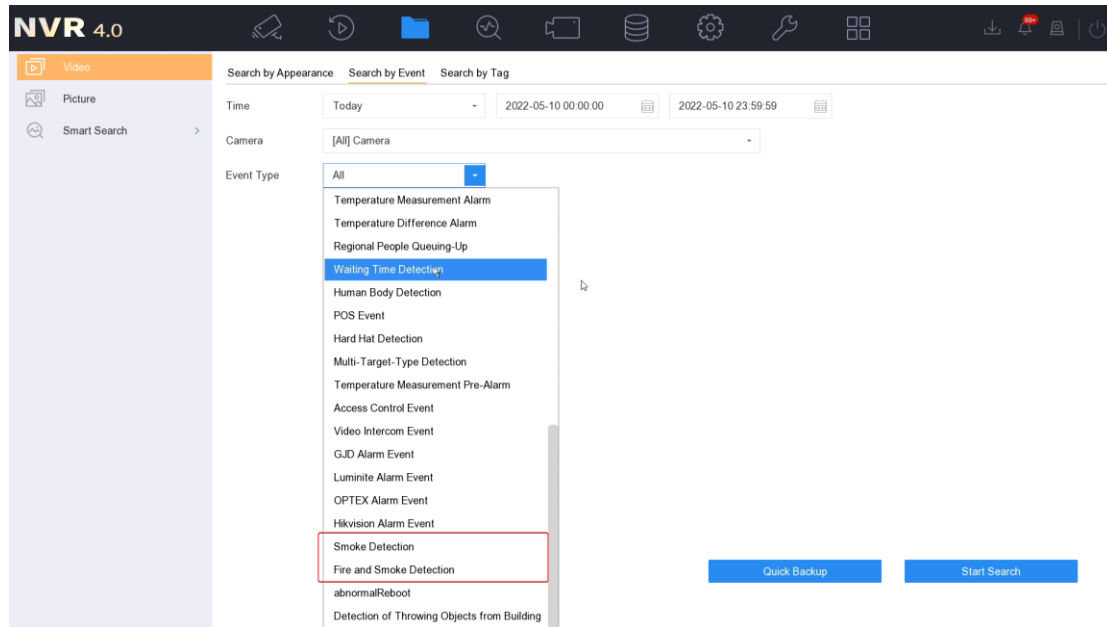
Camera: [D5] Camera 01

Audio Exception Detection: **Fire and Smoke Detection**

Arming Schedule Linkage Method

Normal Linkage	Trigger Alarm Output	Trigger Recording	PTZ Linking
<input type="checkbox"/> Buzzer	<input type="checkbox"/> A->1	<input type="checkbox"/> D1	<input type="checkbox"/> Preset No.
<input type="checkbox"/> Send Email	<input type="checkbox"/> A->2	<input type="checkbox"/> D2	<input type="text" value="1"/>
<input type="checkbox"/> Notify Surveillance ...	<input type="checkbox"/> A->3	<input type="checkbox"/> D3	<input type="text" value="1"/>
<input type="checkbox"/> Full Screen Monitor...	<input type="checkbox"/> A->4	<input type="checkbox"/> D4	<input type="checkbox"/> Pattern No.
	<input type="checkbox"/> A->5	<input checked="" type="checkbox"/> D5	<input type="text" value="1"/>
	<input type="checkbox"/> A->6		
	<input type="checkbox"/> A->7		
	<input type="checkbox"/> A->8		
	<input type="checkbox"/> D2->1		
	<input type="checkbox"/> D2->2		
	<input type="checkbox"/> D3->1		
	<input type="checkbox"/> D3->2		
	<input type="checkbox"/> D5->1		
	<input type="checkbox"/> D5->2		

Save



【Support PCM Format Audio】

1. Support PCM format audio Decoding.
2. The exported video with PCM audio can be played.
3. The update for this feature does not include two-way audio of NVR.

【Support People Counting Data Reobtaining】

1. Support NVR obtained historical people counting data from IPC after NVR reconnecting with IPC.
2. Support HCP obtained historical people counting data from NVR after NVR reconnecting with IPC.

【Support POE Channel access to 32MP camera】

NVR can access to 32MP camera with POE.

Compatible camera models tested:

DS-2CD6984G0-IH (S)

【Add New Web Features】

1. The online device list of web is consistent with local GUI of NVR now.
2. Web supports raid function configuration now.

The screenshot displays the Hikvision web interface's configuration page. The top navigation bar includes 'Live View', 'Playback', 'File', 'Application', and 'Configuration'. The left sidebar lists various settings categories: Local, System, Video/Audio, Event, Network, Image, VCA, Target Capture, Vehicle Detection, Storage, Storage Management, Schedule Settings, and Advanced Settings. The main content area is titled 'Other' and contains the following settings:

- Enable Raid(Use Enterprise-Level HDD) (highlighted with a red box)
- Enable HDD Sleeping
- Enable Overwriting
- Packet Time: [] minute(s)
- Log Storage Mode: System Default [v]

A red 'Save' button is located at the bottom of the configuration area.

The screenshot displays the Hikvision web interface. At the top, there are navigation tabs: Live View, Playback, File, Application, and Configuration. The Configuration tab is active. On the left, a sidebar menu lists various system settings, with 'Storage' expanded to show 'Storage Management', 'Schedule Settings', 'Advanced Settings', 'External Stora...', and 'Array Configuration'. The 'Array Configuration' sub-menu is selected, showing options for 'Physical Disk', 'Array', and 'Firmware'. The 'Physical Disk' sub-menu is active, displaying a table of disk information and buttons for 'One-touch Configuration' and 'Create Array'.

<input type="checkbox"/>	HDD No.	Capacity	Array
<input type="checkbox"/>	3	7452.04GB	--
<input type="checkbox"/>	6	5589.03GB	--

3. Web supports One-Key Disarming Configuration now.

The screenshot displays the Hikvision web interface's configuration page for Alarm Input. The interface includes a sidebar on the left with various system settings and a main content area with tabs for different alarm types. The 'Alarm Input' tab is active, showing configuration options such as Alarm Input No., IP Address, Alarm Type, and Alarm Name. The Handling Method section is highlighted with a red box, showing three radio button options: Disable, Enable AI..., and One-Key ... (which is selected). Below this, a Linkage Method dropdown menu is open, listing various actions like Send Email, Buzzer, and Audible Warning.

4. Support event video search and download on web.

HIKVISION Live View Playback **File** Application Configuration

Download Picture by File **Download Event Video**

Camera: [D2] Camera 02

Event Types: All

Start Time: 2022-05-17 00:00:00

End Time: 2022-05-17 23:59:59

Download Stop Downloading

<input type="checkbox"/>	No.	File Name	Start Time	End Time
No Data				

Search Total 0 100 /page

【Support Device Auto Maintenance】

Support device auto maintenance (schedule reboot).

NVR 4.0

System Info >
Log Info
Import/Export
Upgrade >
Default
Network >
HDD Operation >
System Service >
System Service
ONVIF
Stream Encryption
Address Filter
Device Auto Maintenance
Double Verification
Buzzer Settings
More Settings

Enable Schedule Reboot

Maintenance ... Every Sunday

00:00

HIKVISION

Live View Playback File Application **Configuration**

Upgrade & Maintenance Online Upgrade Log Diagnose

Device Parameters Import

IP Camera Parameters Import

IOT Parameter Import

Time Sync Mode

Enable IPC/IOT Time Sync

Upgrade

Type Firmware

Select File Upgrade

Note: The upgrading process will be 1 to 10 minutes, please d
during the process. The device reboots automatically after upg

Device Auto Maintenance

Enable Schedule Reboot

Maintenance Time Sun

00:00

Save

【Add Search Attributes of Vehicle and Human Body Detection】

Add Search Attributes of Vehicle and Human Body Detection.

Modified features

【Optimization of Streaming Media Stream Fetching】

1. Support stream media fetching Base64 encrypt code stream from NVR.
2. Support stream media fetching HVGA stream from NVR.
3. Support stream media fetching PS/RTP/PS+RTP stream from NVR.
4. When adding camera via RTSP customized protocol, NVR supports URL redirection.

【Modification of IOT Alarm Linkage E-mail Template】

The template is modified as below format:

EVENT TYPE:

EVENT TIME:

NVR NAME:

NVR S/N:

ALARM NAME (NUM):

CARD NUMBER:

【Update Spanish Translation on Web】

Update Spanish Translation on web.

【Time Correction of Video Backup】

Video search on local GUI now backup video according to the time range, rather than whole 1G video files.

【Modification of Web Files Description】

Change text 'User' into text 'Guest' on the user management of web.

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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