![HIKVISION - First Choice for Security Professionals]

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:
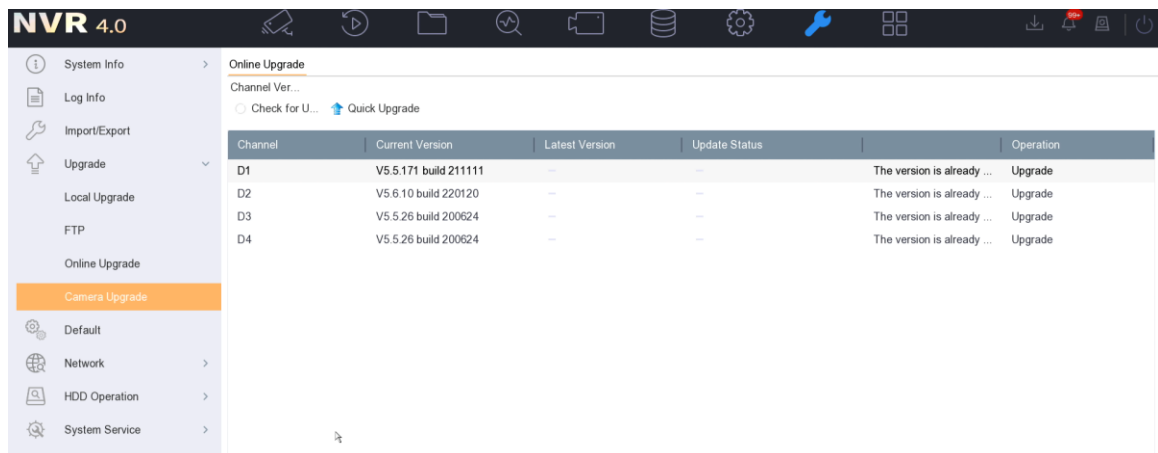
HCP

【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.

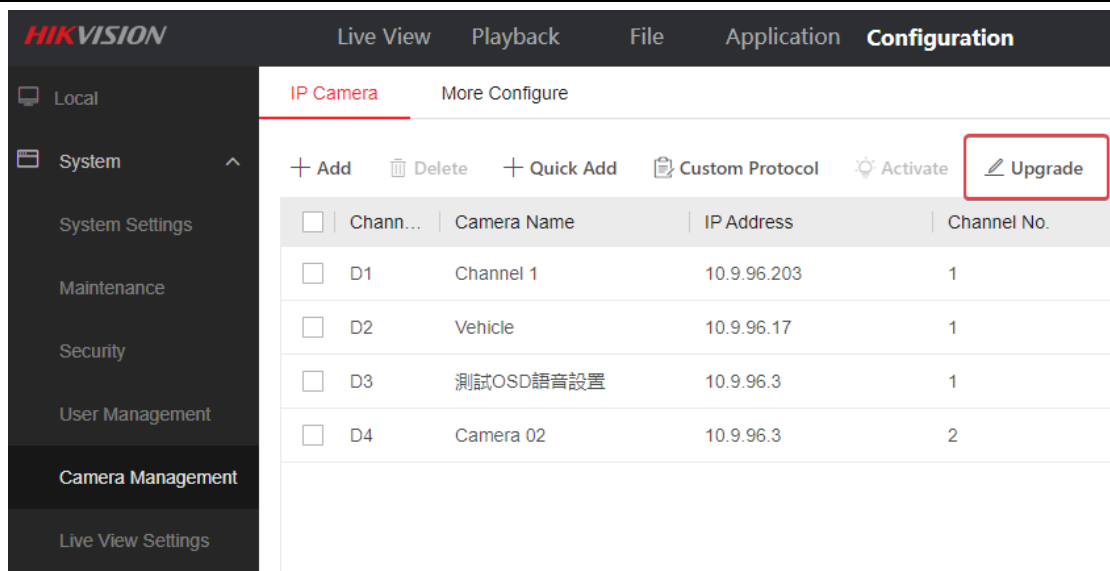2. Support EZVIZ platform speed up download videos.

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.

Channel	Current Version	Latest Version	Update Status		Operation
D1	V5.5.171 build 211111	–	–	The version is already ...	Upgrade
D2	V5.6.10 build 220120	–	–	The version is already ...	Upgrade
D3	V5.5.26 build 200624	–	–	The version is already ...	Upgrade
D4	V5.5.26 build 200624	–	–	The version is already ...	Upgrade

【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

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NVR 4.0

| Smart Event Settings | Camera | [D5] Camera 01 | Save VCA Picture |

Facial Recognition

Perimeter Protection

Vehicle Detection

Video Structuralization

Other Events

Smart Report

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 Live View Playback File Application **Configuration**

Local

System

Video/Audio

Event

Basic Event

Smart Event

More Events

Network

Image

VCA

Target Capture

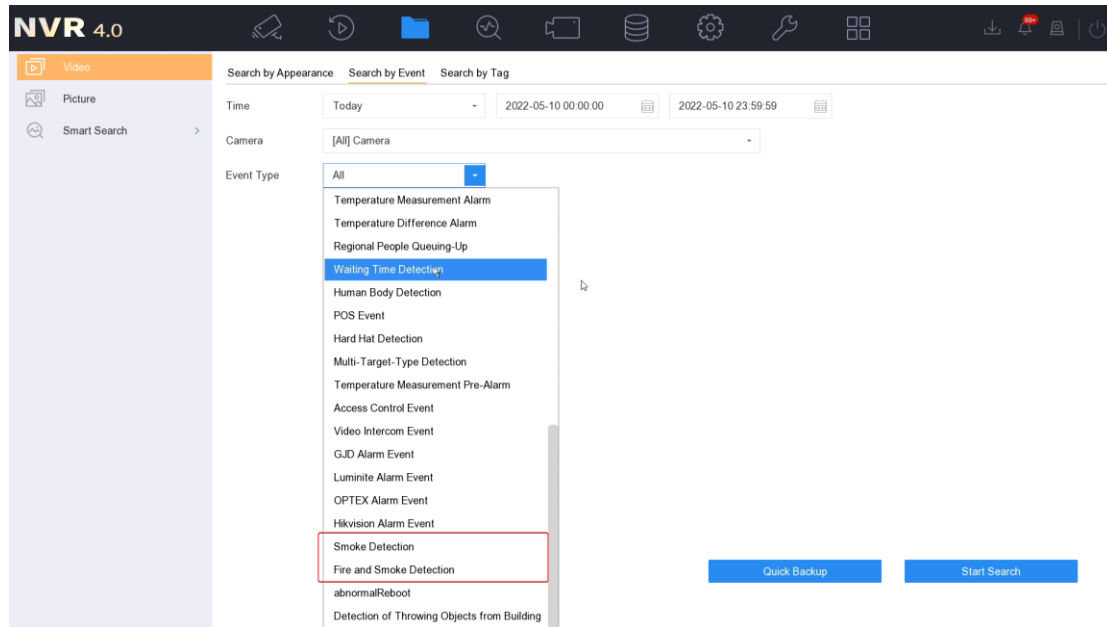Vehicle Detection

Storage

IoT Channel Se...

Camera | [D5] Camera 01

Audio Exception Detection | Fire and Smoke Detection

Arming Schedule | Linkage Method

Normal Linkage	Trigger Alarm Output	Trigger Recording	PTZ Linking	D1
Buzzer	A->1	D1	Preset No.	
Send Email	A->2	D2	1	
Notify Surveillance ...	A->3	D3	Patrol No.	
Full Screen Monitori...	A->4	D4	1	
	A->5	☑ D5	Pattern No.	
	A->6		1	
	A->7			
	A->8			
	D2->1			
	D2->2			
	D3->1			
	D3->2			
	D5->1			
	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.

3. Web supports One-Key Disalarming Configuration now.

4. Support event video search and download on web.

【**Support Device Auto Maintenance**】

Support device auto maintenance (schedule reboot).

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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

Local	
System	˄
System Settings	
Maintenance	
Security	
User Management	
Camera Management	
Live View Settings	
Audio Management	
Video/Audio	
Event	˅
Network	˅
Image	
VCA	˅
Target Capture	
Vehicle Detection	
Storage	˅

Device Parameters [ ] Import

IP Camera Parameters [ ] 📁 Import

IOT Parameter [ ] 📁 Import

Time Sync Mode

Enable IPC/IOT Time Sync [ON] [OFF]

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.

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