

## Network Video Recorder

**Version: V5.02.000\_build240229**

### Release Note

<b>Firmware  Basic  Information</b>	Firmware Version:	V5.02.000_build240229
	SDK Version:	V6.1.9.48
	Play Library:	V6.0.0.5
	Web component:	V5.0.6_R0102 build 240228
	OpenSDK Version:	V2.15.3 (Ezviz), V2.14.1(OTAP)

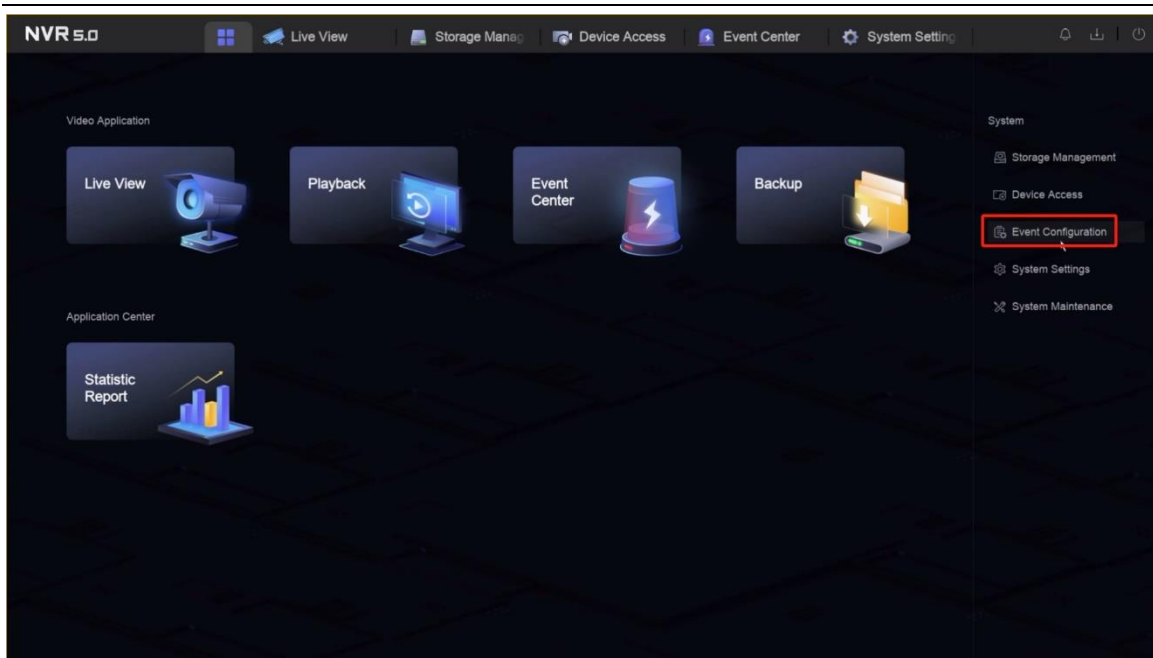
### Reason of Upgrade

User interface innovation. Add new features and optimize product performances.

### New User Interface

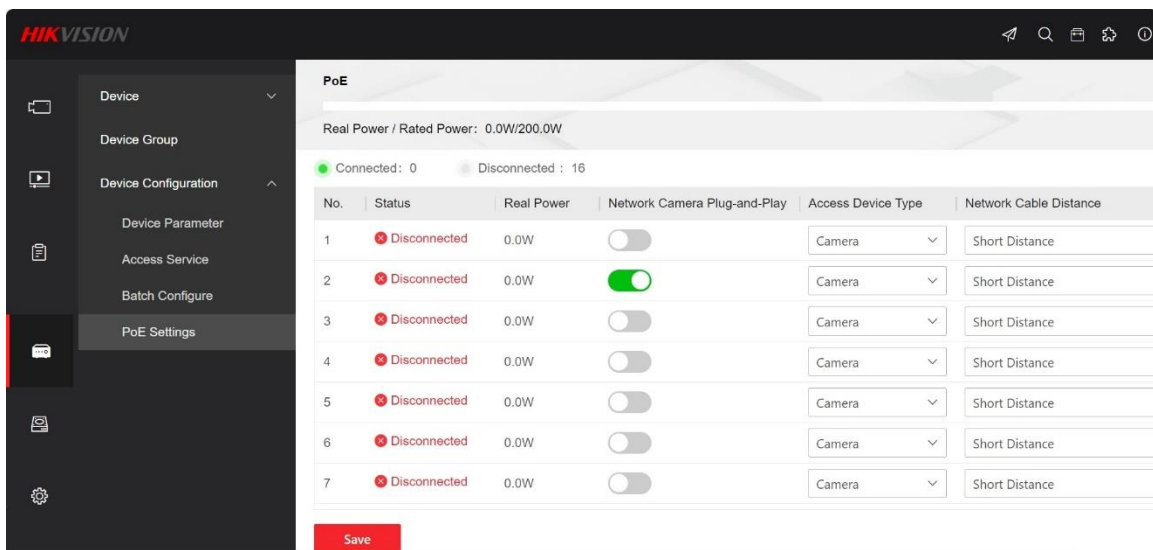
#### **【New User Interface of Local Output】**

Added a shortcut for event configuration on home page;



## 【New User Interface of Web】

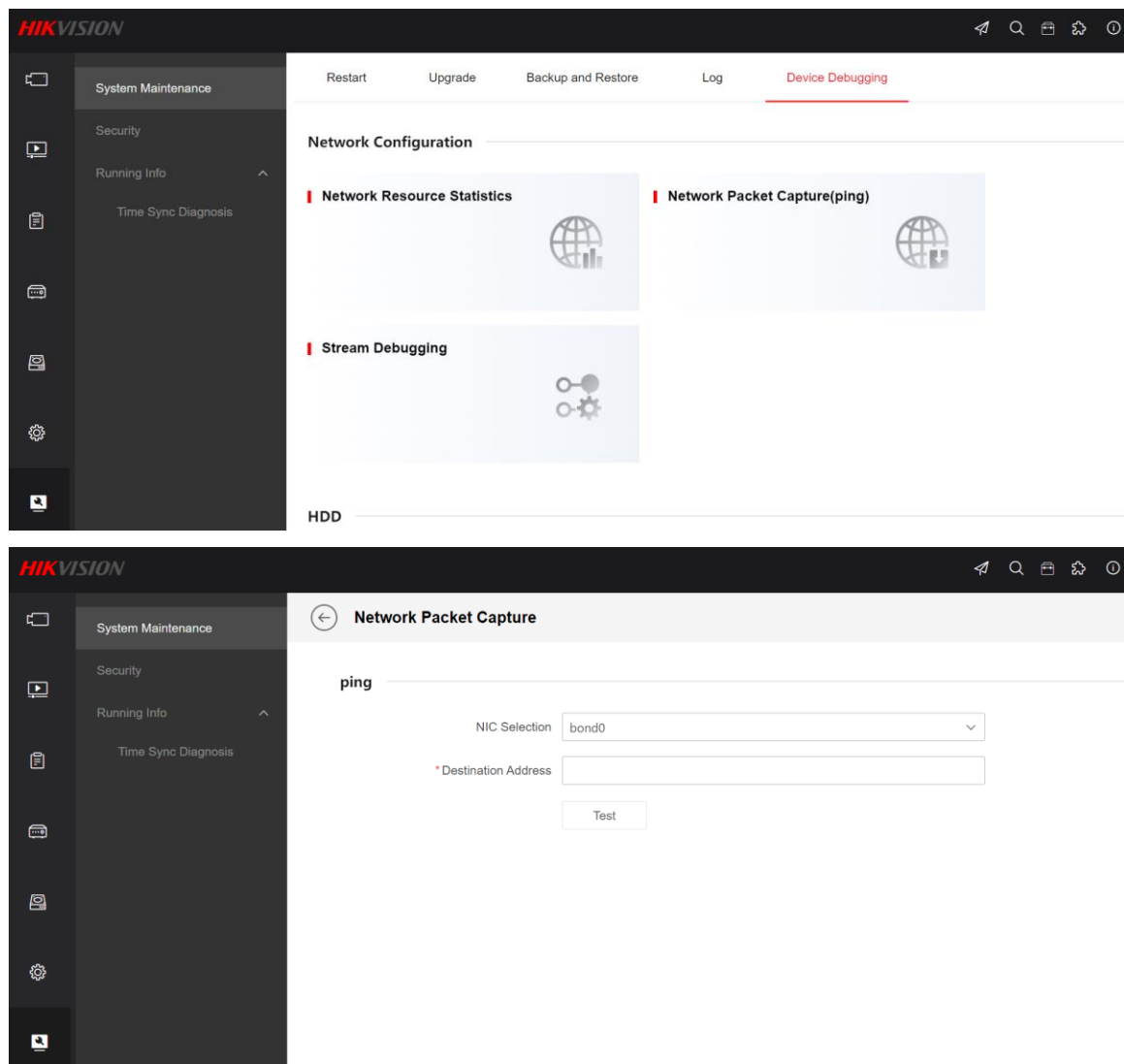
Added POE configuration on web, the same as local GUI



## Key New Features

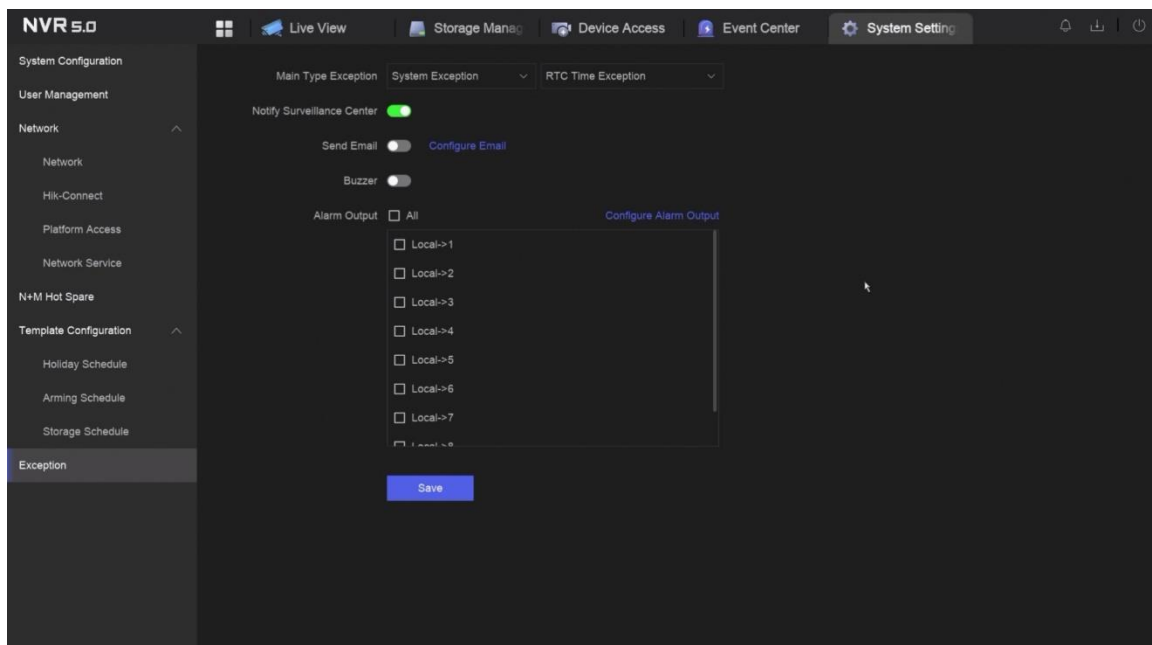
### 【Support Network Packet Capture (Ping) Function】

Support Network Packet Capture (Ping) function on web.



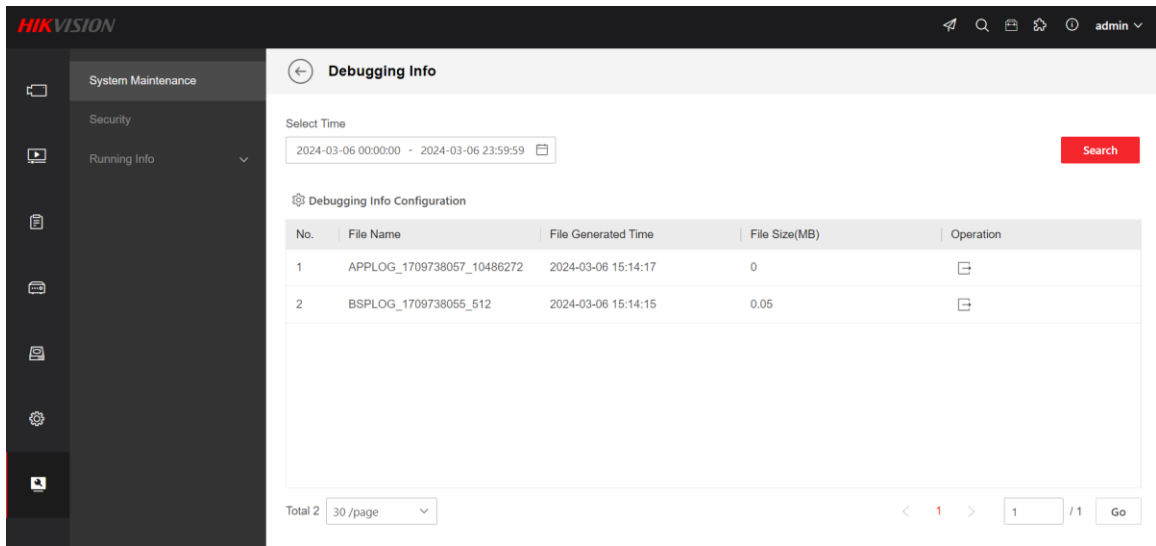
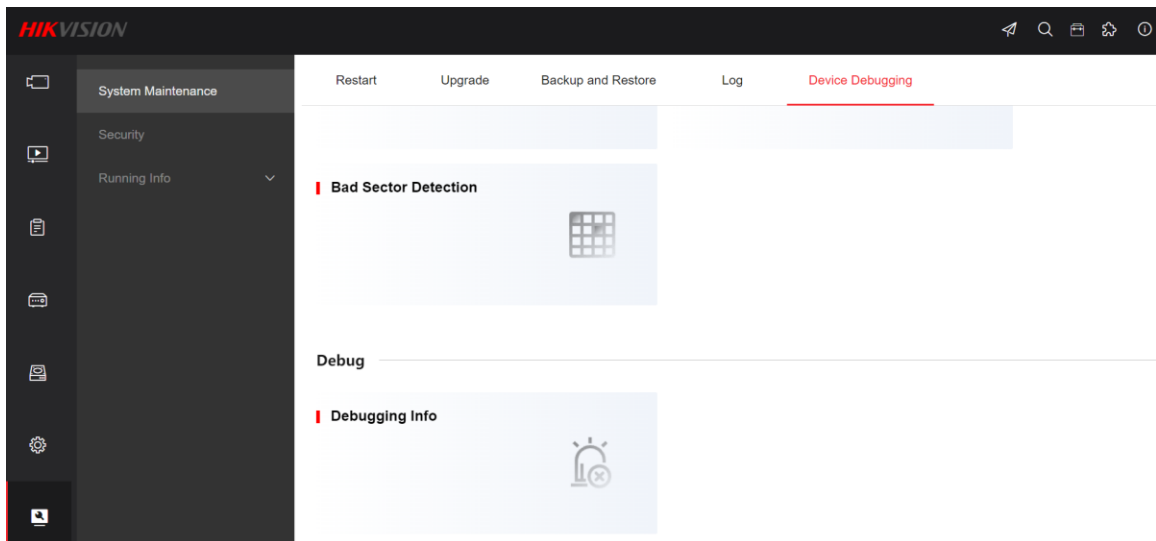
## 【Support RTC Time Exception Function】

Support RTC Time Exception Function. When the device is powered off and the cmos battery is out of power, if enable RTC Time Exception function, the device will automatically calibrate the time according to the latest video recording and give RTC time exception prompt.



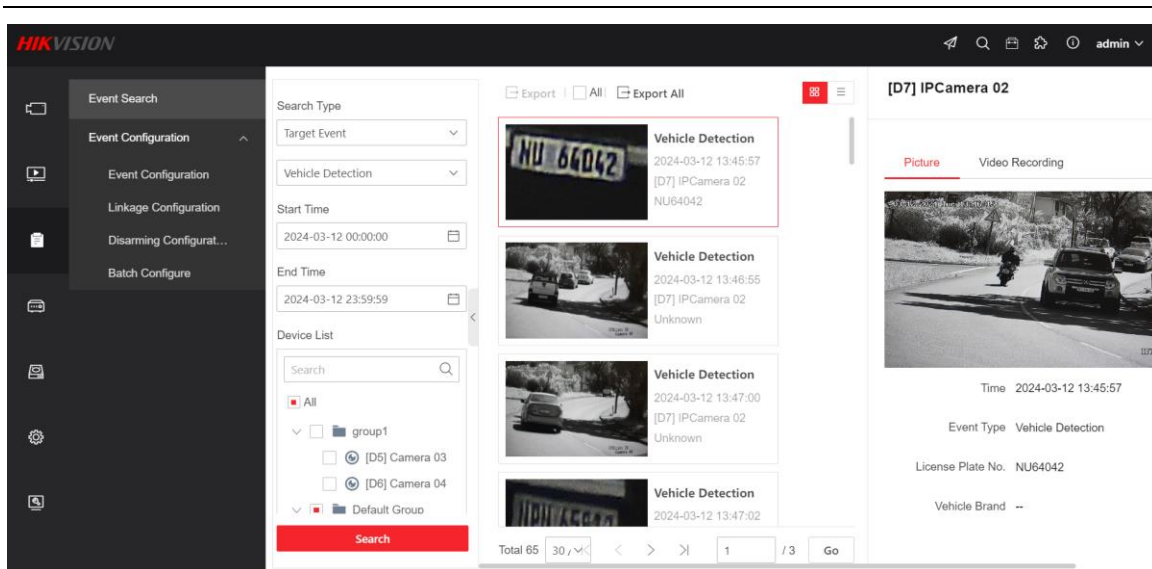
## 【Support Debugging Info】

Support Debugging Info. Users can search and export BSP, DSP, APP debugging info.



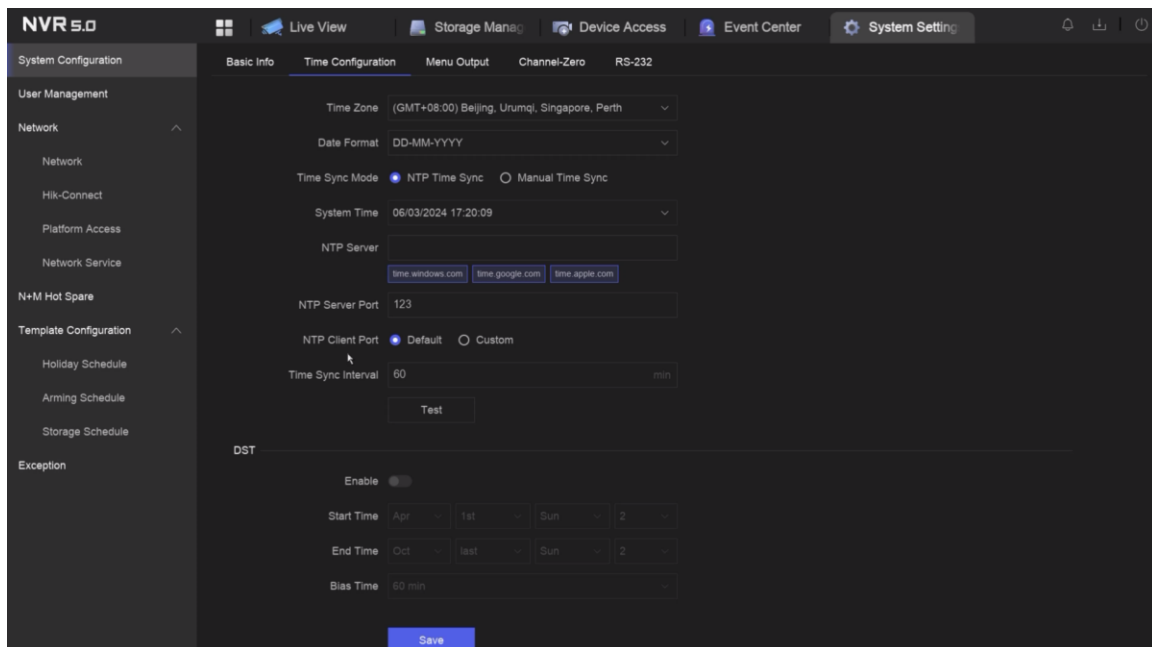
## 【Support searching and exporting both source and target captures via web】

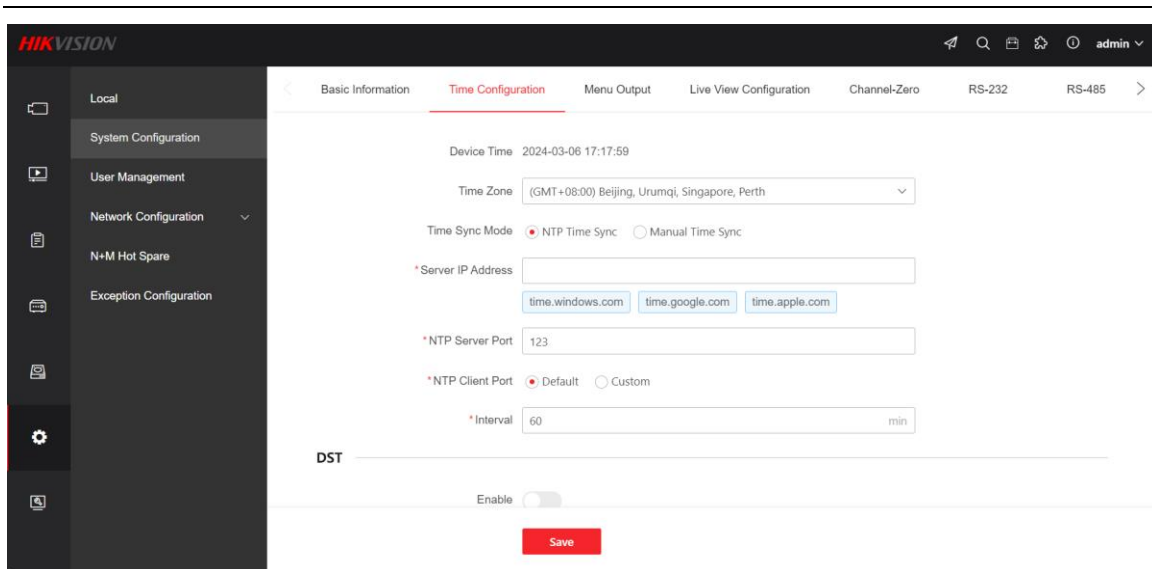
Support searching and exporting both source and target captures via web. Including the source and target captures of face and vehicle.



## 【Support configuring NTP client port】

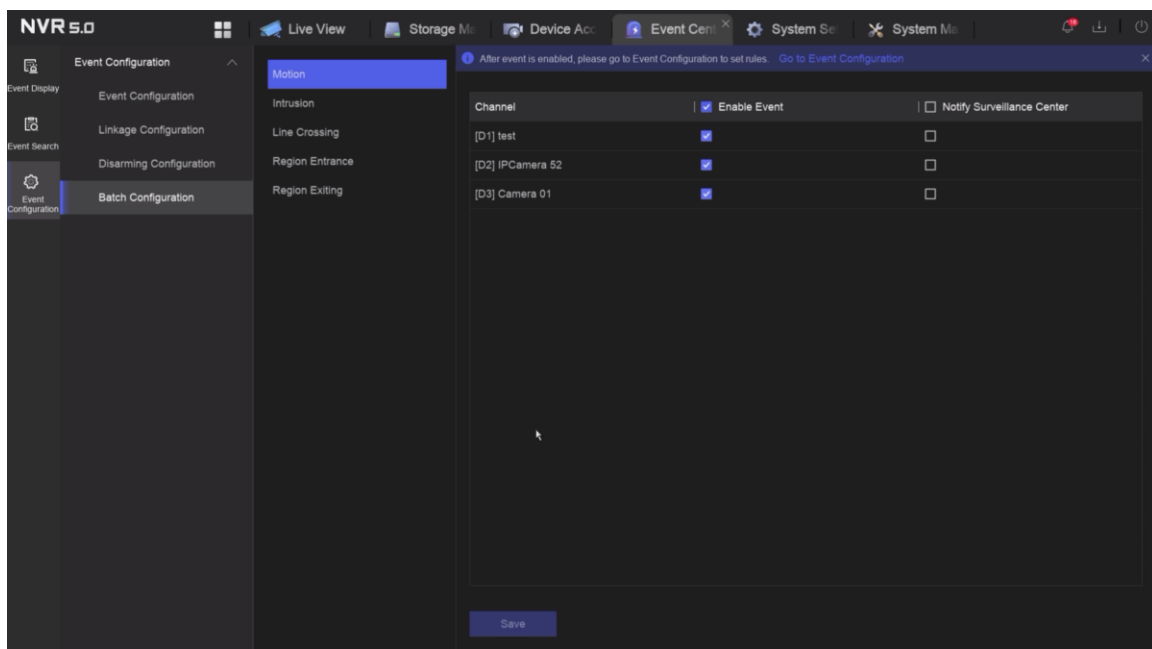
Support configuring NTP client port to satisfy special demand.

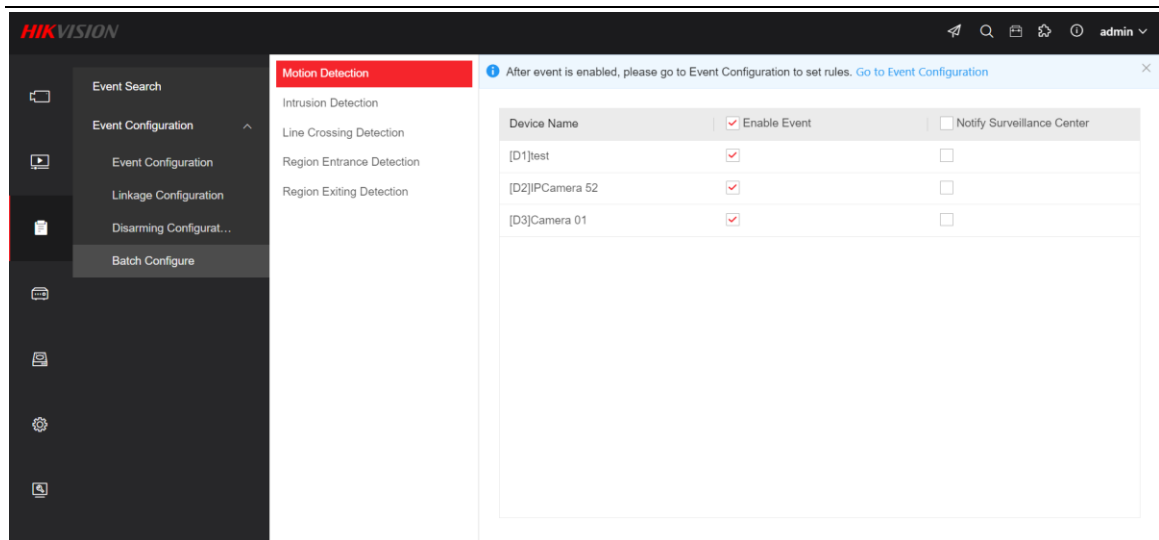




## 【Support batch enable/disable event configuration】

Support batch enable/disable event configuration. Customer can batch to enable or disable event such as motion detection, intrusion detection, line crossing, region entrance, region exiting.





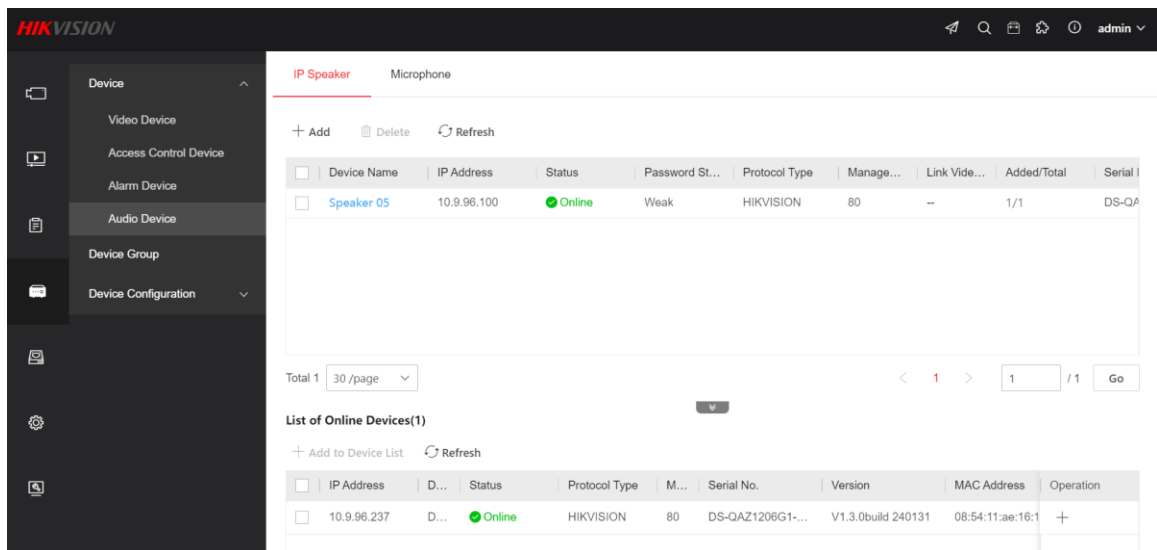
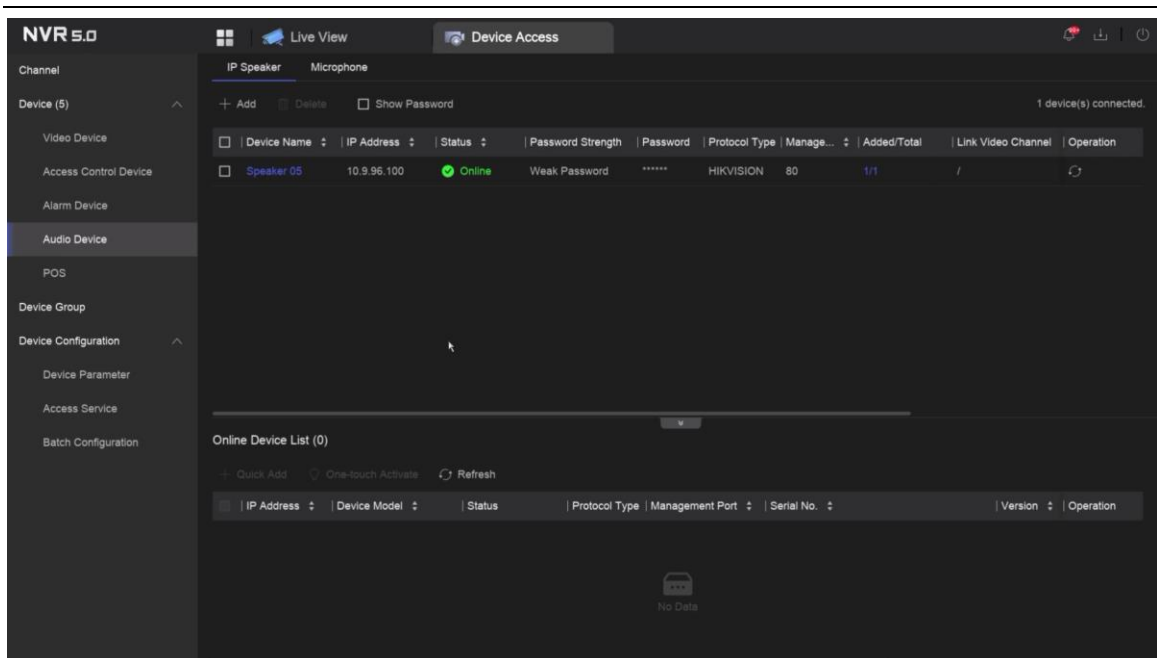
## 【Support auto format new inserted HDD】

Support auto format new inserted HDD. If the HDD disk is new and not formatted, it will automatically detect and prompt the user to format it.

## 【Support IP Speaker】

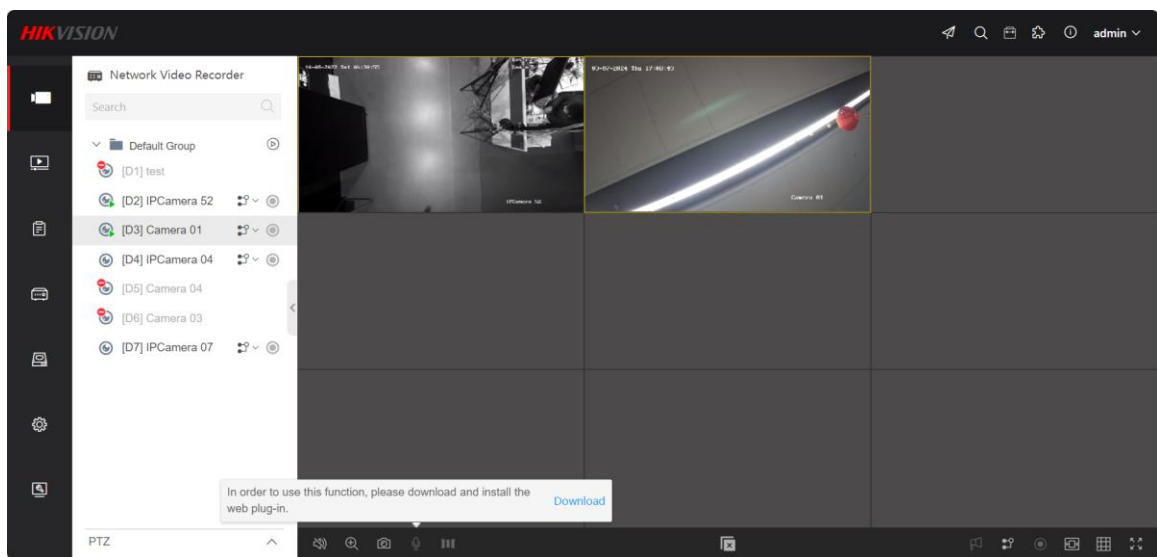
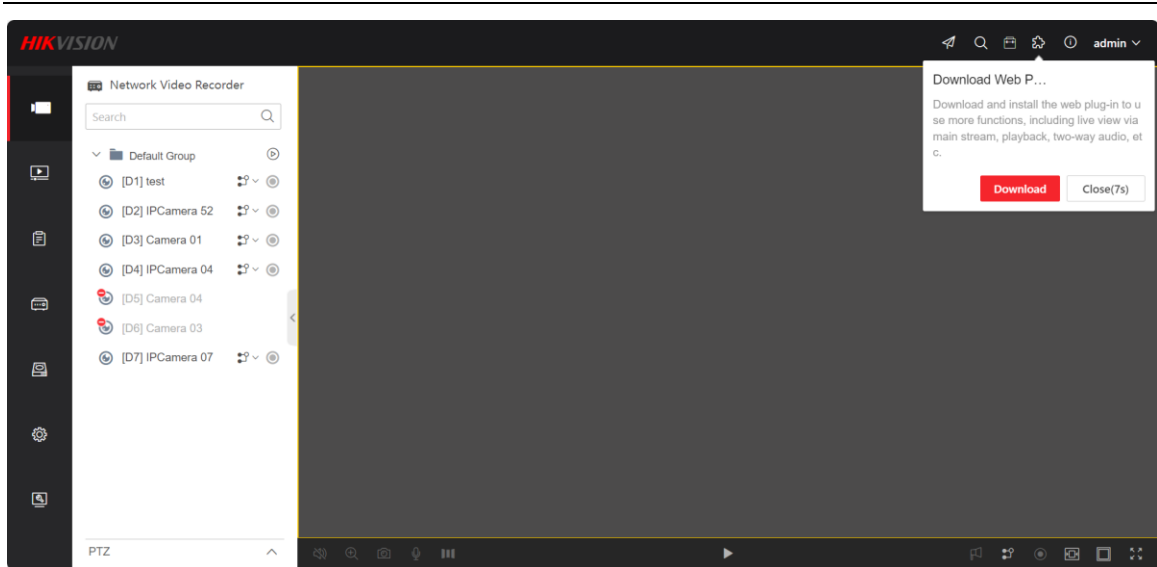
Support adding IP Speaker and doing management. Including search, active, add, delete, sync time, update, import audio file, one NVR can add maximum 8 speakers.

For detailed function, please refer to “【How to】How to Use Network Speaker with NVR GUI5.0”.



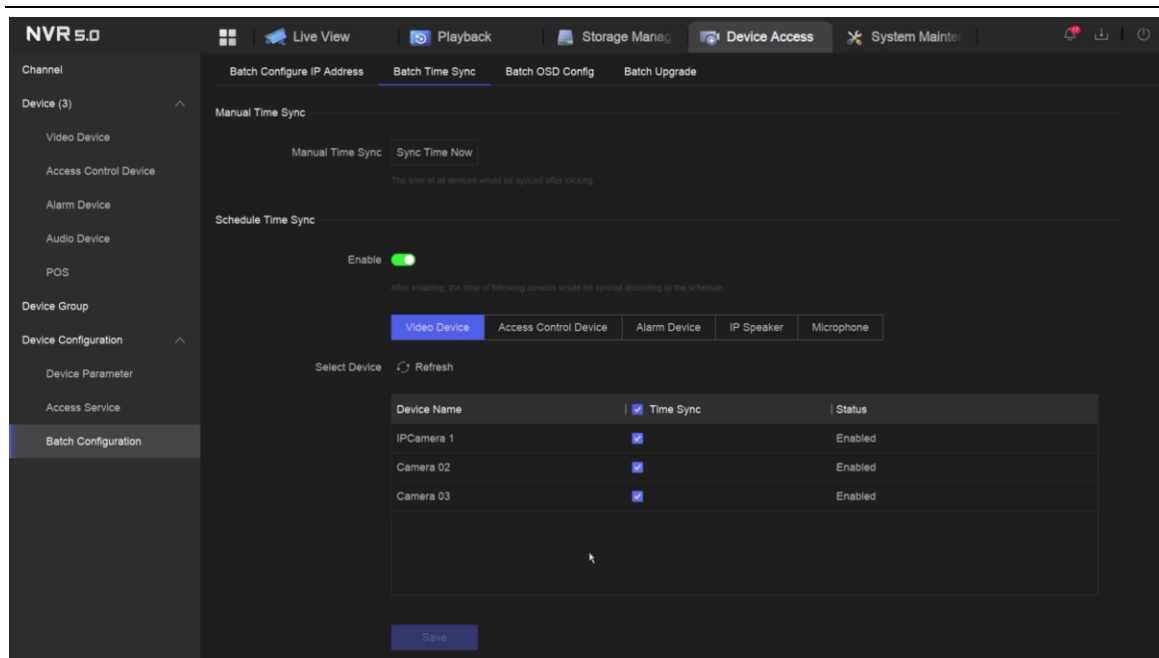
## 【Support prompt to remind installing plugin】

For functions that need plugin to get better using experience, it will prompt to remind customer to install it.



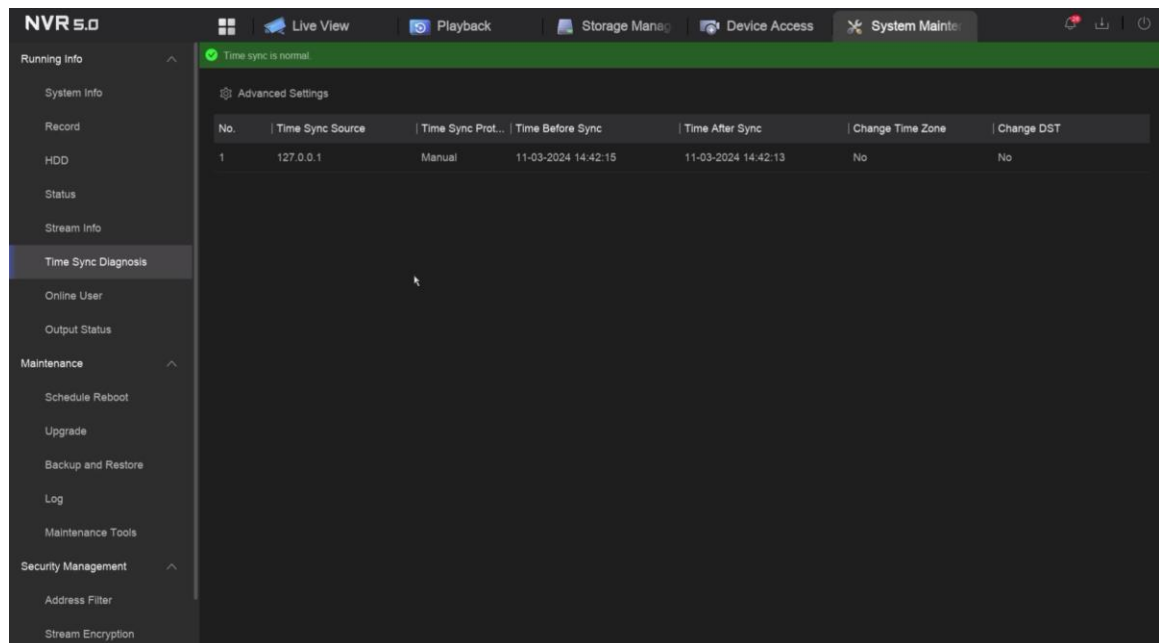
## 【Support Batch Time Sync】

Support batch time sync. User can batch sync time for connected devices.



## 【Support Time Sync Diagnosis】

Support Time Sync Diagnosis. User can check NVR's time sync source and sync status.



## 【Support Channel Management】

Support manage encoding devices via channel level. User can edit channel name, do pre-live view, fast go to channel parameter configuration, and delete channels.

**NVR 5.0**

Channel Management

6 channel(s) connected.

Channel No.	Channel Name	IP Address	Status	Device	Password Strength	Password	Protocol Type	Manage Operation
D1	Camera 01_countri	10.9.96.40	Online	IPCamera 1	Weak Password	*****	HIKVISION	8000
D2	IPCamera 05	10.9.96.164	Online	Camera 02	Very Weak	*****	HIKVISION	8000
D3	Camera 01	10.9.96.10	Online	Camera 03	Very Weak	*****	HIKVISION	8000
D4	Camera 02	10.9.96.10	Online	Camera 03	Very Weak	*****	HIKVISION	8000
D5	Camera 03	10.9.96.10	Online	Camera 03	Very Weak	*****	HIKVISION	8000
D6	Camera 04	10.9.96.10	Online	Camera 03	Very Weak	*****	HIKVISION	8000

**Online Device List (23)**

IP Address	Device Model	Status	Protocol Type	Management Port	Serial No.	Version	Operation
10.9.96.85	DS-2DE7A432IW-AEB	Online	HIKVISION	8000	DS-2DE7A432IW-AEB20230325AAWRL461...	V5.8.0build 2	
10.9.96.3	IDS-2CD71C5G0-I2S	Online	HIKVISION	8000	IDS-2CD71C5G0-I2S20191128AAWRD9313...	V5.5.804build	
10.9.96.34	DS-2CV1021G1-IDW	Online	HIKVISION	8000	DS-2CV1021G1-IDW20200605AAWRE4847...	V5.5.820build	
10.9.96.43	IDS-2CD7A46G0/P-I2H...	Online	HIKVISION	8000	IDS-2CD7A46G0/P-I2HSY20230620AAWRA...	V5.8.50build	
10.9.96.23	IDS-2CD7146G0-I2HSY	Online	HIKVISION	8000	IDS-2CD7146G0-I2HSY20230418AAIWRA...	V5.8.50build	
10.9.96.5	IDS-2CD7586G0-I2HS	Online	HIKVISION	8000	IDS-2CD7586G0-I2HS20210310AAWRF644...	V5.5.804build	

## 【Support Fast Go to Channel Parameter Configuration via Web without authentication】

Support Fast Go to Channel Parameter Configuration via Web without authentication.

The screenshot shows the Hikvision web interface with a sidebar on the left containing navigation options like 'Device', 'Video Device', 'Access Control Device', 'Alarm Device', 'Audio Device', 'Device Group', and 'Device Configuration'. The main area displays a table of devices with columns: Device Name, IP Address, Added Channels, Status, Password St..., Protocol Type, Manage, and Operations. The 'Operations' column is highlighted with a red box, showing a button icon for each device. Below the table, there is a 'List of Online Devices(2)' section with a '+ Add to Device List' button and a 'Refresh' button.

Device Name	IP Address	Added Channels	Status	Password St...	Protocol Type	Manage	Operations
Camera 01	10.9.96.101	D1	Online	Very Weak	HIKVISION	8000	[Icon]
Camera 01	10.40.227.33	D3	Online	Very Weak	HIKVISION	8000	[Icon]
Camera 01	10.40.228.213	D4	Online	Weak	HIKVISION	8000	[Icon]
Camera 01	10.9.97.43	D6	Network ...	Very Weak	HIKVISION	8000	[Icon]
10.8.114.55	10.8.114.55	D5	Network ...	Very Weak	HIKVISION	8000	[Icon]
Camera 01	10.9.97.21	D7	Network ...	Very Weak	HIKVISION	8000	[Icon]

Total 35 30 /page

List of Online Devices(2)

+ Add to Device List Refresh

IP Address	D...	Status	Protocol Type	M...	Serial No.	Version	MAC Ad	Operatic
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## Note

Please refer to User Manual to get information about more detailed new features.

## Product List

### M Series

DS-7608NI-M2
DS-7608NI-M2/8P
DS-7616NI-M2
DS-7616NI-M2/16P
DS-7716NI-M4
DS-7716NI-M4/16P
DS-7732NI-M4
DS-7732NI-M4/16P
DS-7764NI-M4

DS-9616NI-M8	
DS-9616NI-M8/R	
DS-9632NI-M16	
DS-9632NI-M16/R	
DS-9632NI-M8	
DS-9632NI-M8/R	
DS-9664NI-M16	
DS-9664NI-M16/R	
DS-9664NI-M8	
DS-9664NI-M8/R	
DS-96128NI-M8	
DS-96128NI-M8/R	
DS-96128NI-M16	
DS-96128NI-M16/R	

## **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:**

- Hikvision has all rights to alter, modify and cancel this notice.
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