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Release Notes

1.1 OverView

Item	Description
Product name	Network Video Recorder
Firmware Basic Information	Kernel Version DVRS_V13.13.20.20250102_SP01 or DVRS_V13.13.30.20250102_SP01 UI Version GUI_V13.13.0.20240924 Web Version 7.2.25.205 CGI Version CGI_V3.3.0.20240924 ONVIF Version V23.12.240802.AFC5D089 P2P Version V3.1.1.20240925.0EA9D755 RTSP Version V1.2.11.240802.AFC5D089 APP Version V4.4.3.240802.AFC5D089
Related product	TC-R3120 SPEC:I/B TC-R3110 SPEC:I/B/K/V3.1 TC-R3120 SPEC:I/B/K/V3.1 TC-R3105 SPEC:I/B/P TC-R3105 SPEC:I/B/P/L/V1.1 TC-R3210 SPEC:I/B/K/V3.1 TC-R3220 SPEC:I/B/K/V3.1 TC-R3232 SPEC:I/B/K/V3.1 TC-R3105 SPEC:I/B/P4/K/V3.1 TC-R3110 SPEC:I/B/P8 TC-R3110 SPEC:I/B/P8/K/V3.1 TC-R3210 SPEC:I/B/P8/K/V3.1 TC-R3220 SPEC:I/B/P16/K/V3.1 TC-R3432 SPEC:I/B/K/V3.1

1.2 Reason of Upgrade

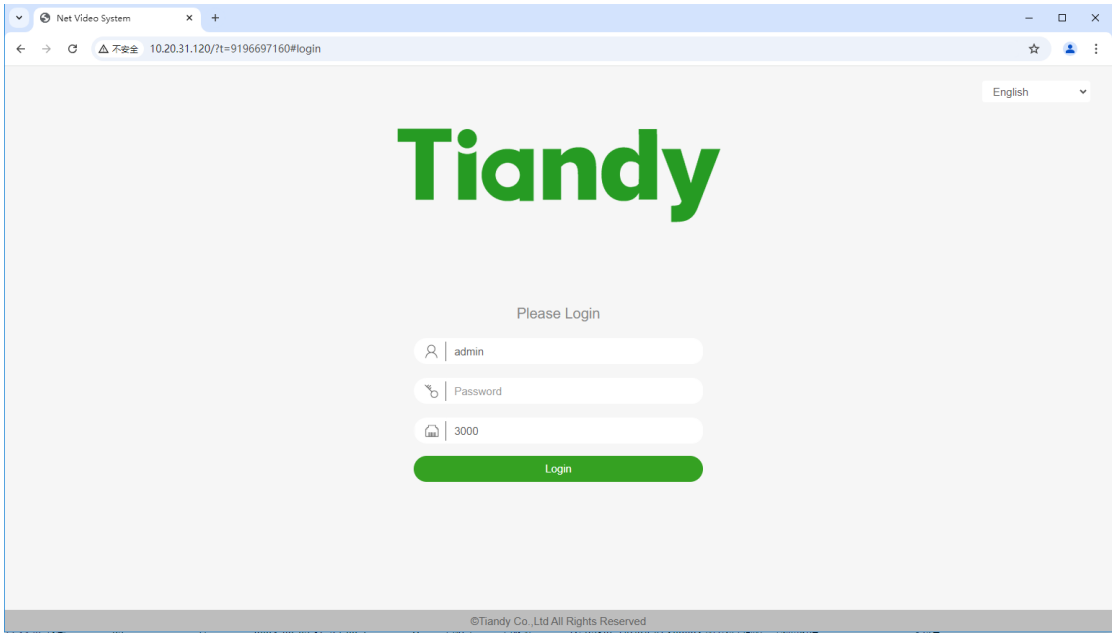
Fix known defects and optimize product performance.

1.2.1 New Features

1. WEB Interface Upgrade

1.1 The WEB adopts a new style, optimizing the display of interface entries to enhance visual effects. The login, preview, and playback interfaces are shown in the following figures.

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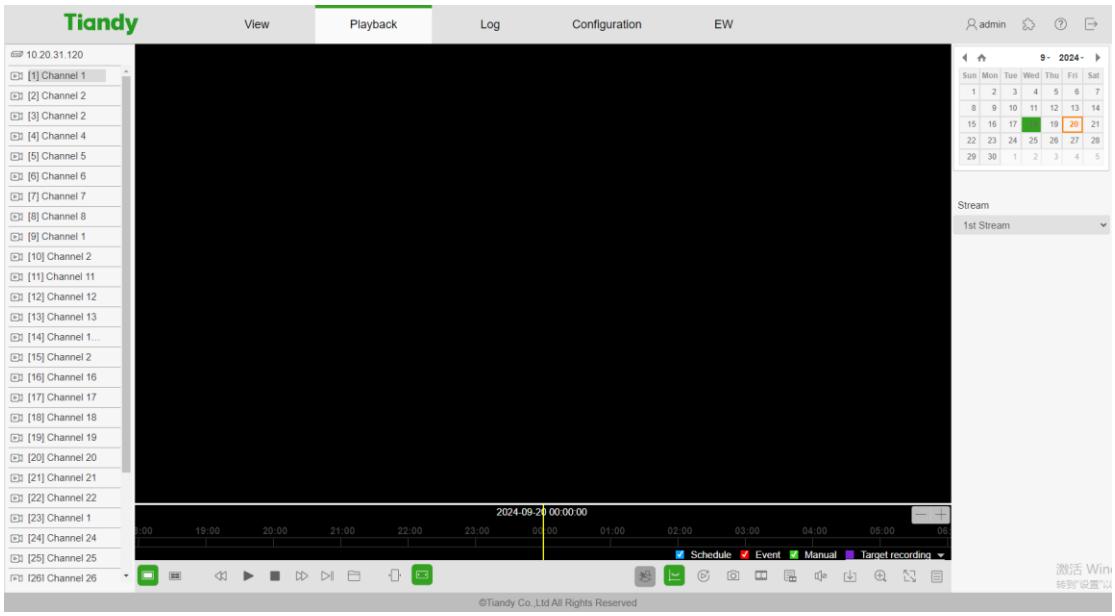


Login Interface



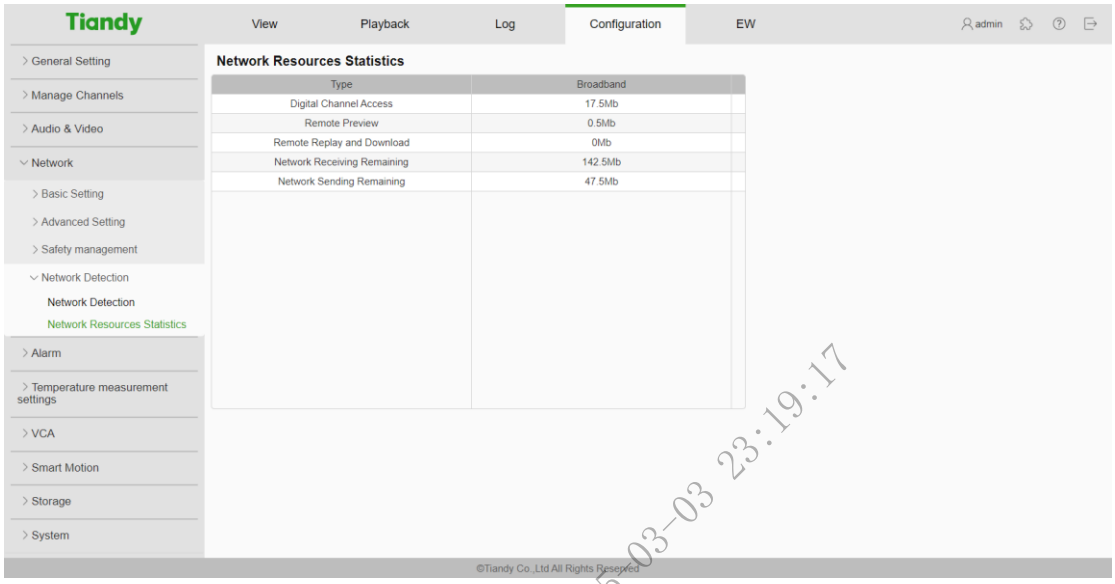
Preview Interface

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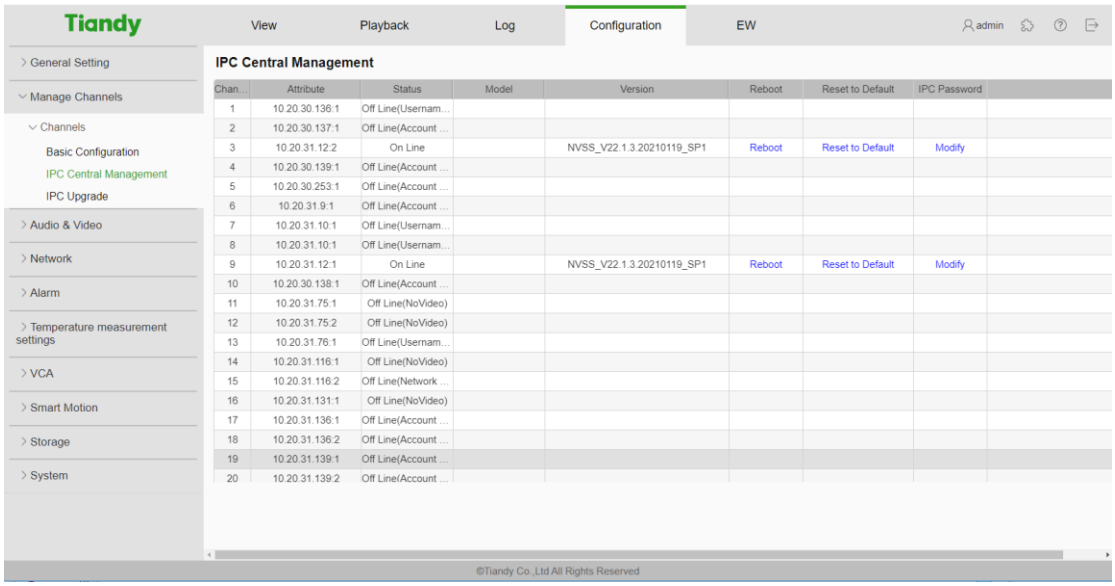
Playback Interface

1.2 Enhance the WEB Interface with Network Resource Usage Information Query Function.

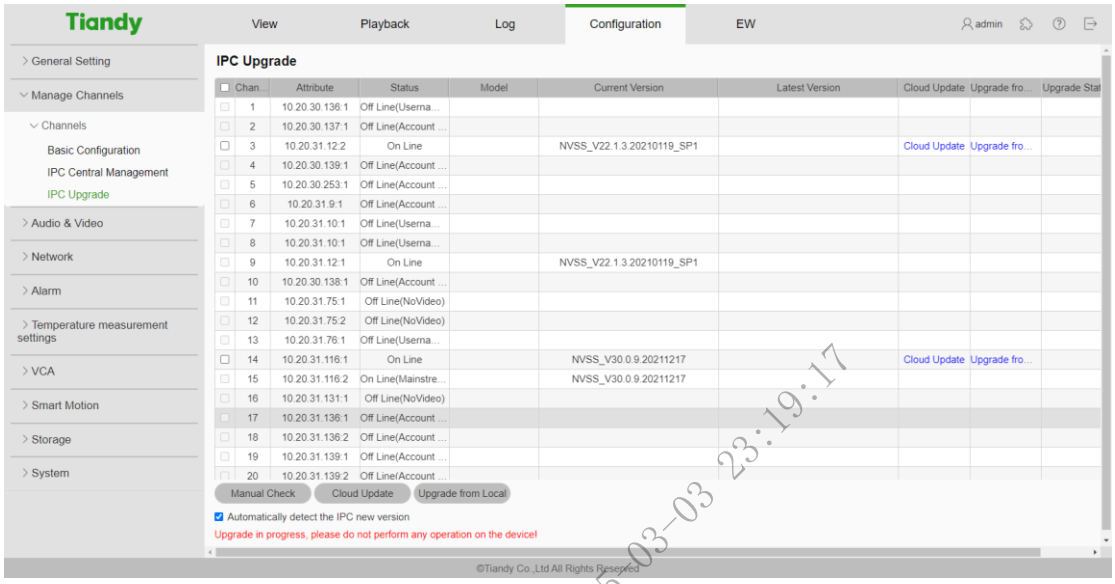


1.3 Add IPC Management Interface to the WEB Interface, allowing users to perform various operations such as restarting the device and restoring it to its factory settings directly from this interface.

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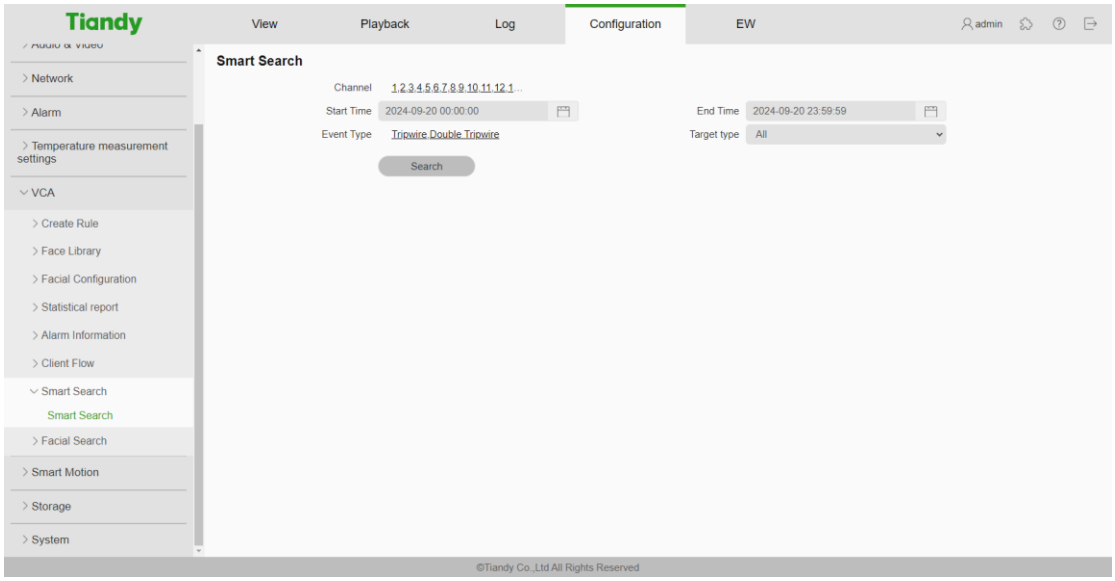


1.4 Add IPC Upgrade Interface to the WEB Interface, The upgraded WEB interface now incorporates an IPC Upgrade Interface, empowering users to perform both batch cloud upgrades and batch local upgrades for connected cameras.

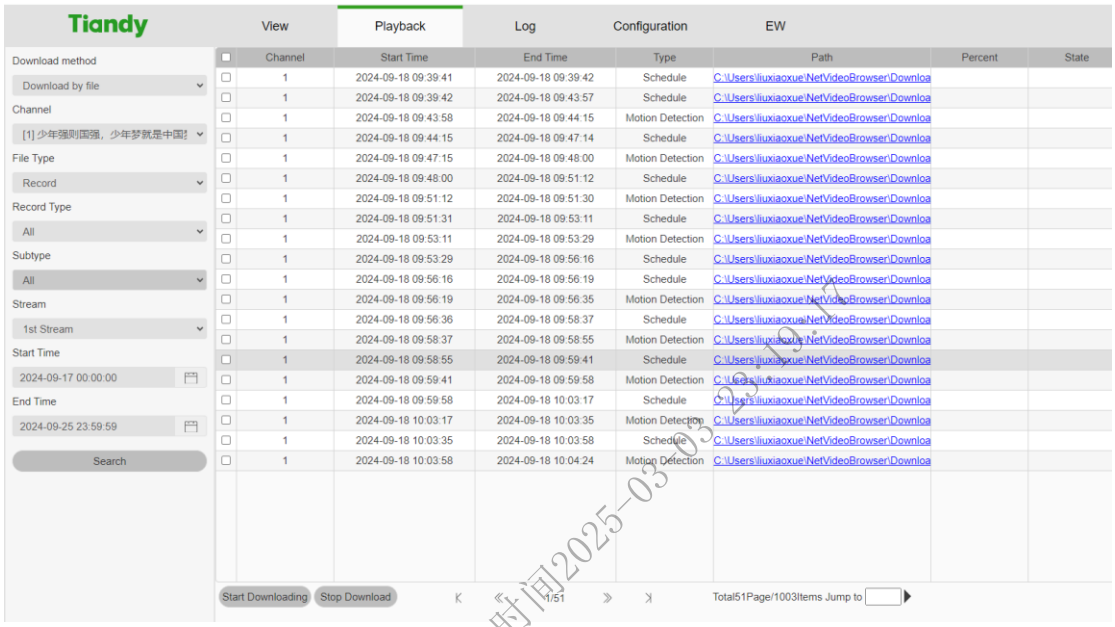


1.5 Add Intelligent Analysis Event Image Retrieval Function to the WEB Interface, The WEB interface has been enriched with an intelligent analysis event image retrieval function, enabling users to search for images related to various smart events such as behavior analysis, face recognition, and thermal imaging.

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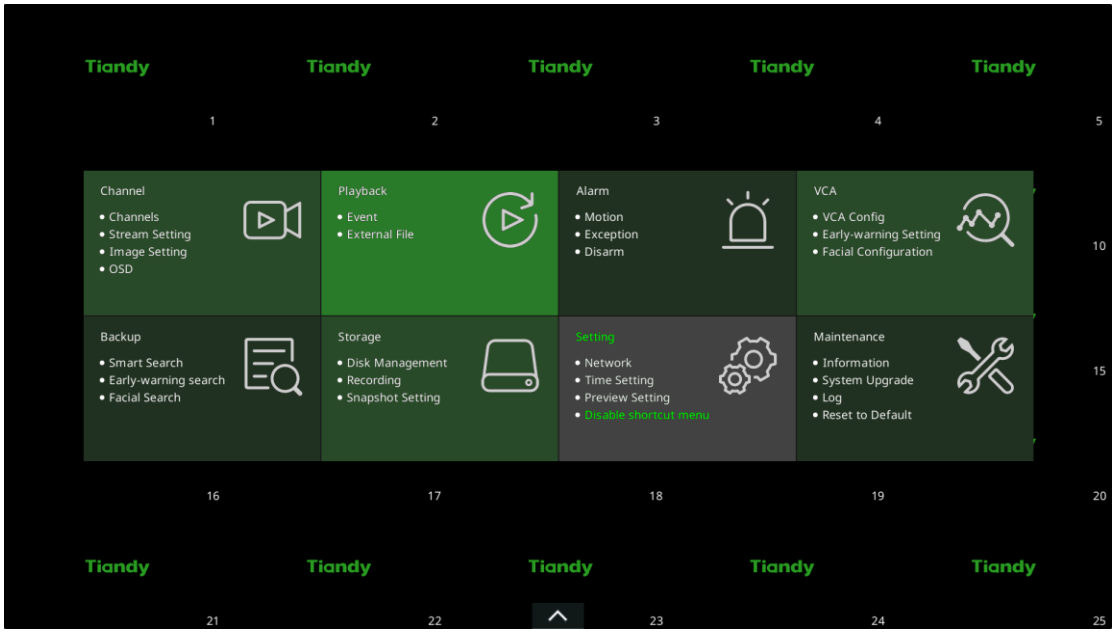
1.6 Enhance the Video Download Interface of the WEB Platform with Detailed Alarm Video Search. This enhancement enables users to specifically retrieve videos related to intelligent analysis events or motion detection triggers. With this feature, administrators can quickly locate and download recordings of interest.



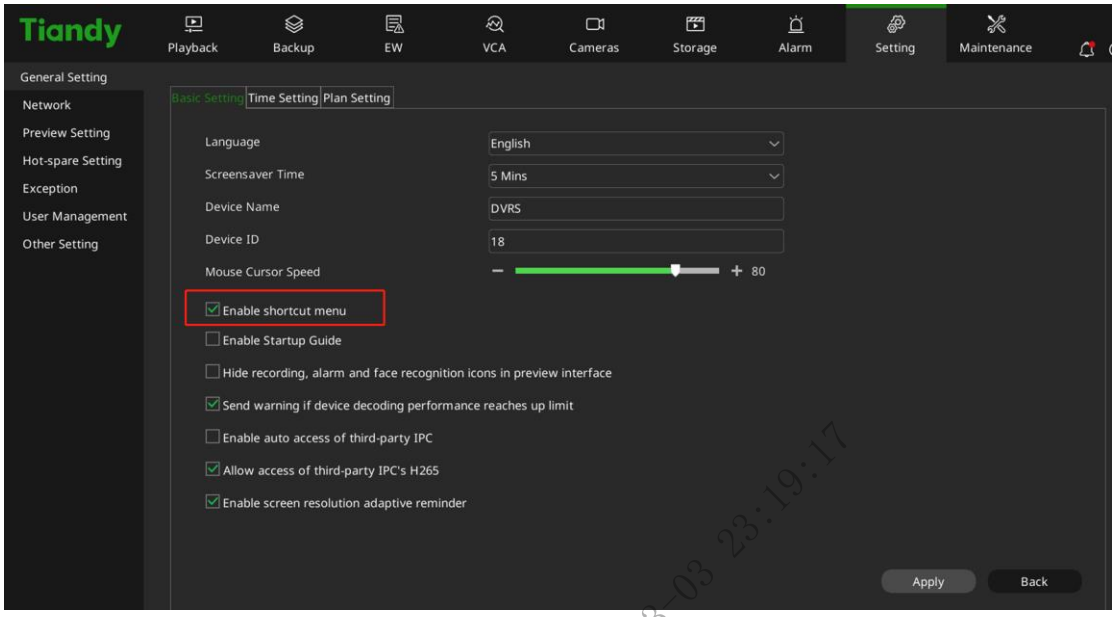
2. GUI Interface Optimization

2.1 When enabled, the quick menu can be accessed via a right-click menu or the main menu button located at the bottom of the interface. When disabled, the interface reverts to its original state, providing flexibility and convenience to suit individual preferences.

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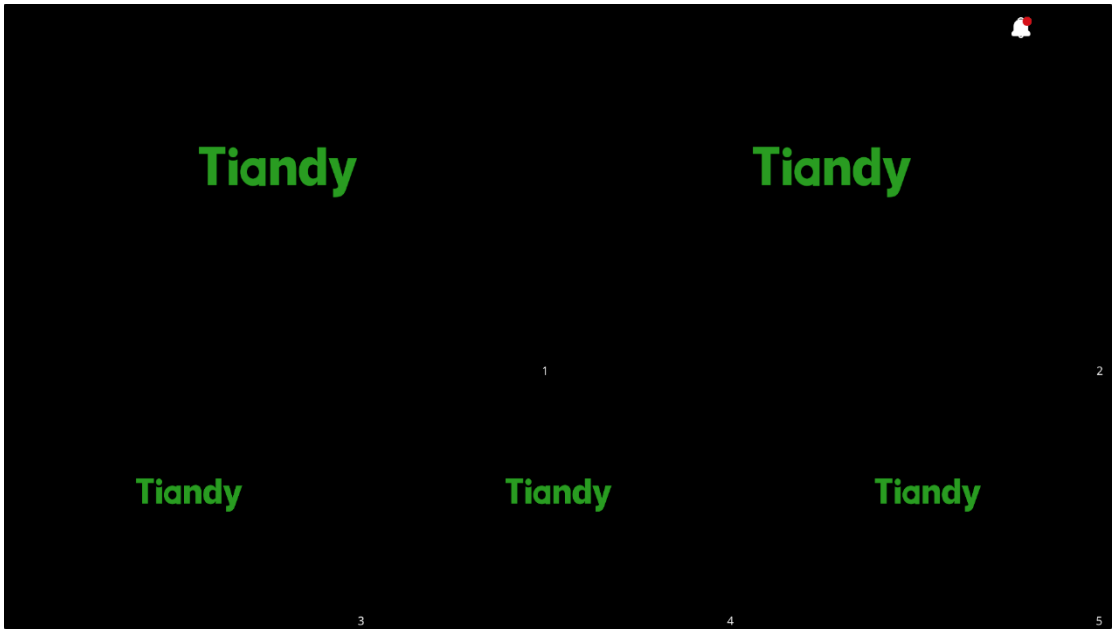
Close the menu by using the configuration items circled in the figure below：



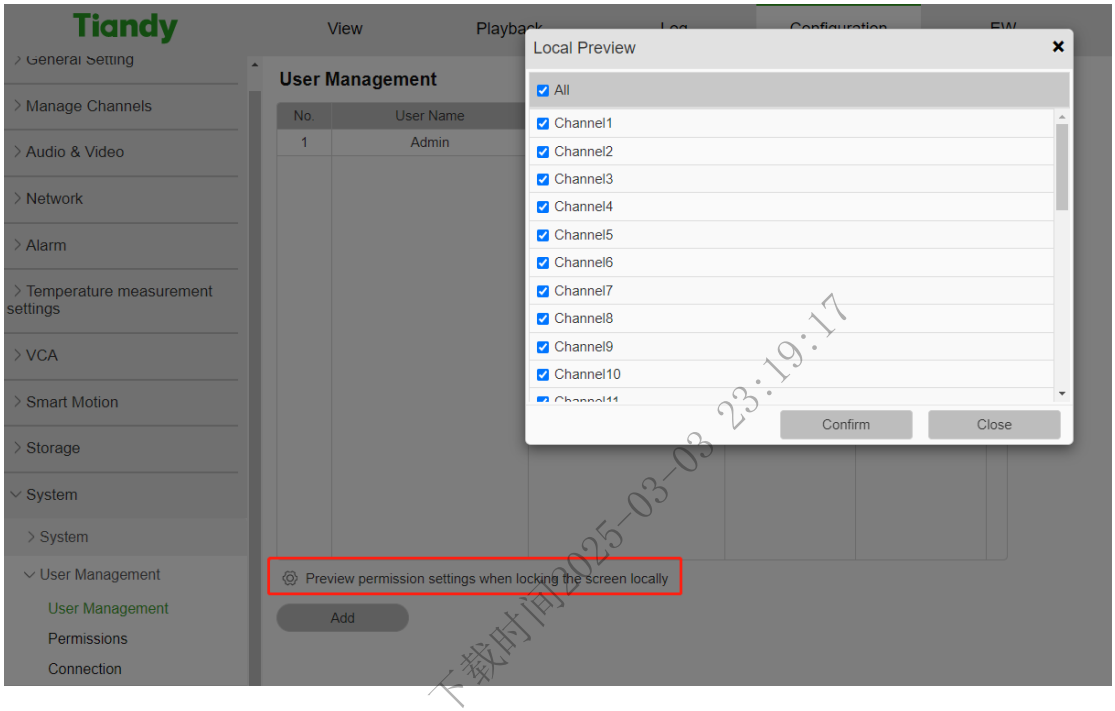
2.2 For the UI preview interface, when the video in the window fails to play, add a specific prompt or notification.

2.3 In the top right corner of the UI preview interface, add an alarm information icon that prominently displays any active alarms. Clicking on this icon allow for quick access and viewing of the alarm details.

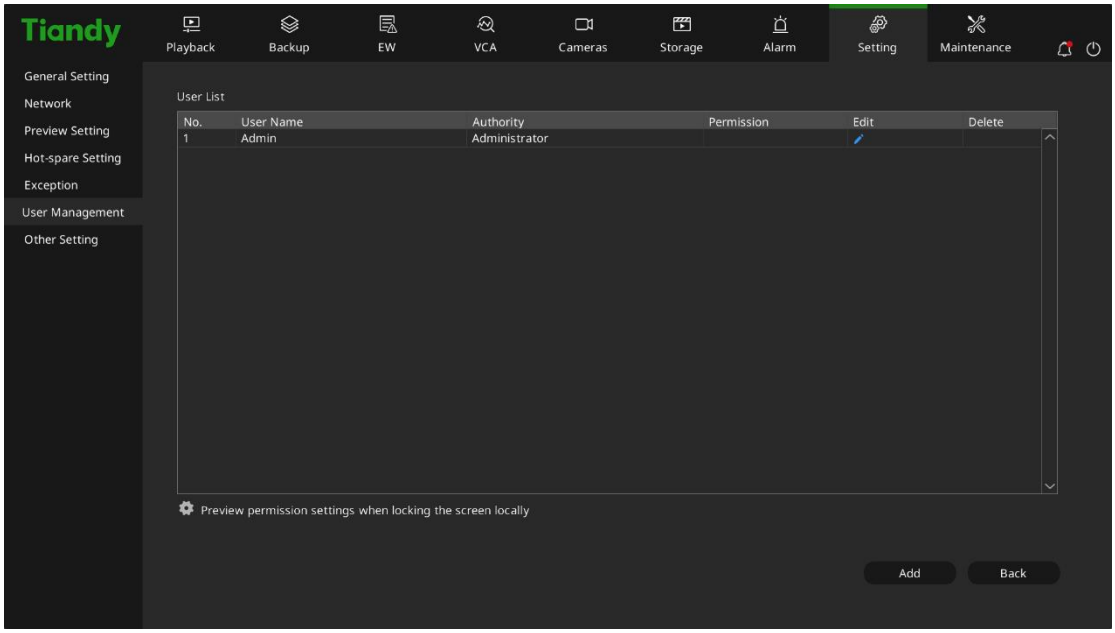
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3 The WEB and UI interfaces add the function of configuring the preview permission of the GUI lock screen state, and can configure the preview permission of each channel of the exit login state.



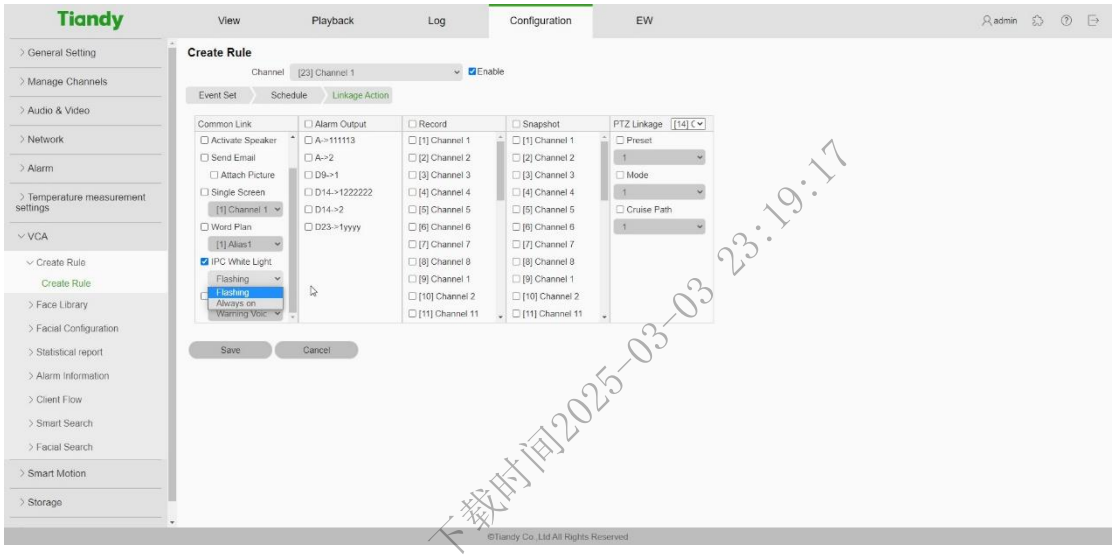
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4. Improvements in NVR compatibility with cameras and NVR's IPC (IP Camera) management capabilities:

4.1 The NVR, through its UI/Web interface, support to set the minimum and maximum exposure time for cameras (requires camera support for this feature).

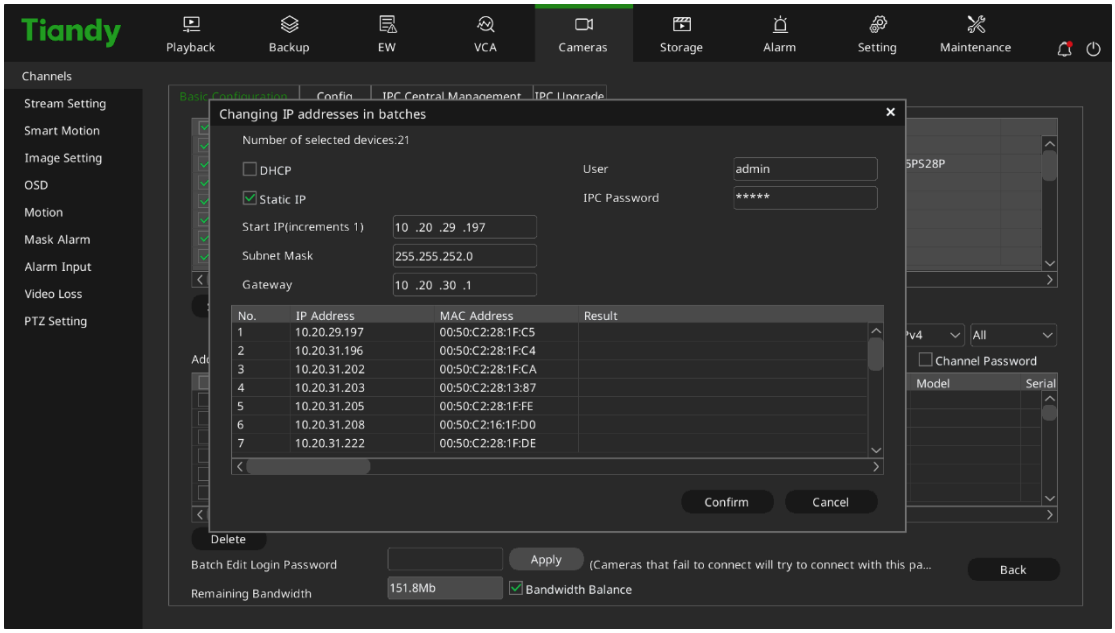
4.2 After adding a dual-light camera to the NVR, the VCA (Video Content Analysis) linkage with the white light should include the option to select an alarm-linked lighting mode for the lights (e.g., flashing/always on).



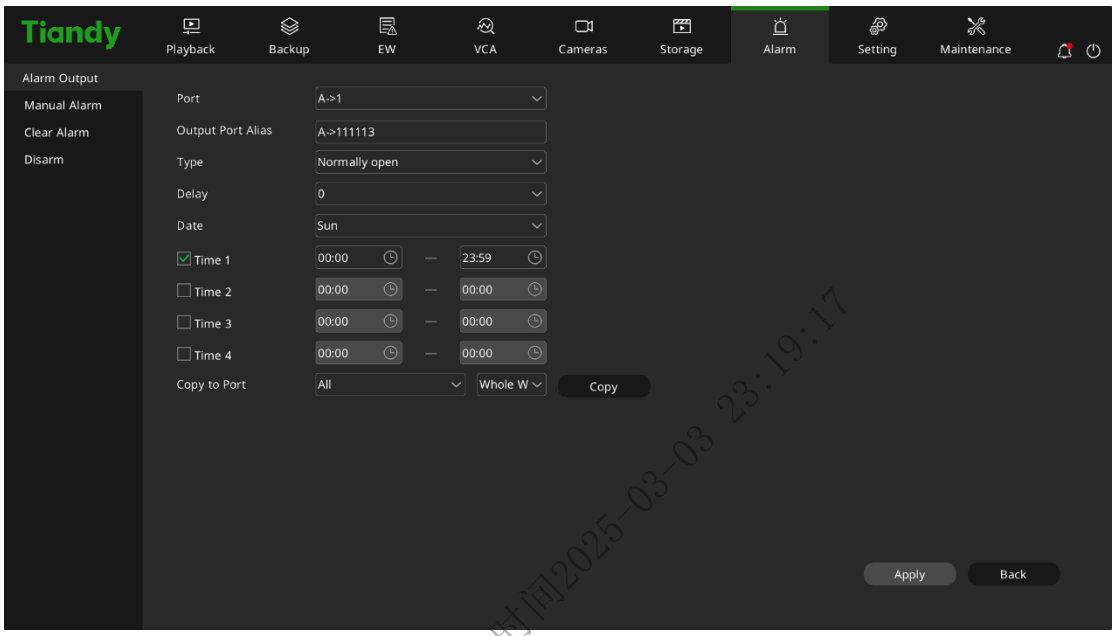
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4.3 The NVR's UI interface is enhanced to support batch modification of the IP addresses of devices in the search list (for the IPC that have not been added yet).

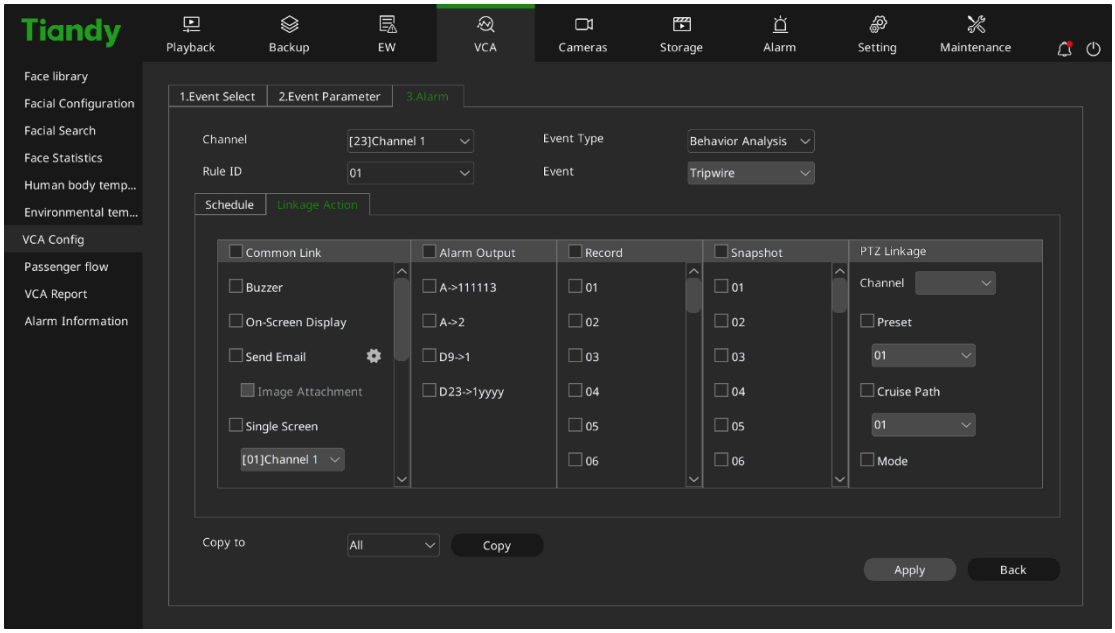
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4.4 Add support for configuring the camera's alarm output function, and include a feature for linking camera alarm outputs.



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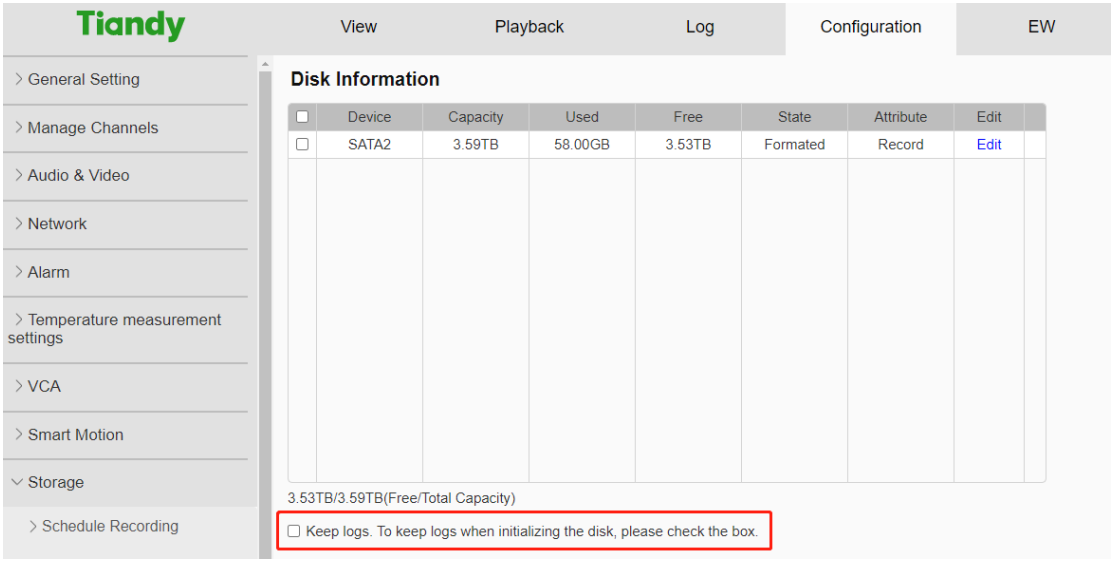


5. Add an instant playback function to the Lite N series models.
6. Add VCA and Event options to the recording templates, supporting configurations to only record event videos or videos of VCA events.



7. Add a configuration option to the WEB and GUI interfaces to allow users to choose whether to delete the logs when formatting the disk.

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8. Add QoS support to the Lite K series.
9. Implement an editable function for the DDNS server address to allow users to customize it.
10. Apply digital signatures to the output plugin EXE files to enhance security.
11. Improve the compatibility and performance of the ONVIF and RTSP modules, and add parameters settings for features such as occlusion, OSD (On-Screen Display) font, and others.

1.2.2 Fixed bugs

Fix some known bugs.

1.2.3 Pending Issues

None

1.3 Update Guide

1. You can upgrade the NVR by ConfigTool, web and USB flash drive. For details, see Upgrade Guide.
2. Services such as recording and live view will be paused during the upgrade process. The NVR works normally after upgrade and rebooting.
3. The upgrade does not affect previous settings of the NVR.
4. Do not power off during the upgrade process, or the NVR will not boot up properly.

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