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1.1 OverView

Product name	Firmware Basic Information	Related product
Network Video Recorder	Kernel Version DVRS_V18.4.30.20260822 UI Version GUI_V18.4.0.20260822 Web Version 7.2.26.819 CGI Version CGI_V3.3.0.20260822 P2P Version V3.1.1.20260804.FAA9248F APP Version V4.6.10.260707.E01CA2DB	AK： TC-R3104 Config:I/B/P4/C/Eu/L/S/V2.0 TC-R3108 Config:I/B/P8/C/Eu/L/S/V2.0
	Kernel Version DVRS_V18.4.30.20260822 UI Version GUI_V18.4.0.20260822 Web Version 7.2.26.819 CGI Version CGI_V3.3.0.20260822 P2P Version V3.1.1.20260804.FAA9248F APP Version V4.6.10.260707.E01CA2DB	SK1： TC-R3105 Config:I/B/P4/C/Eu/L/S/V2.0
	Kernel Version DVRS_V18.4.30.20260822 UI Version GUI_V18.4.0.20260822 Web Version 7.2.26.819 CGI Version CGI_V3.3.0.20260822 P2P Version V3.1.1.20260804.FAA9248F RTSP Version V1.2.16.260715.E01CA2DB APP Version V4.6.10.260707.E01CA2DB	SK1： TC-R3110 Config:I/B/P8/Eu/L/S/V2.0 TC-R3105 Config:I/B/L/V1.1 TC-R3110 Config:I/B/L/V1.1 TC-R3105 Config:I/B/P/V3.0 TC-R3105 Config:I/B/V3.0 TC-R3110 Config:I/B/V3.0 TC-R3116 Config:I/B/V3.0

1.2 Reason of Upgrade

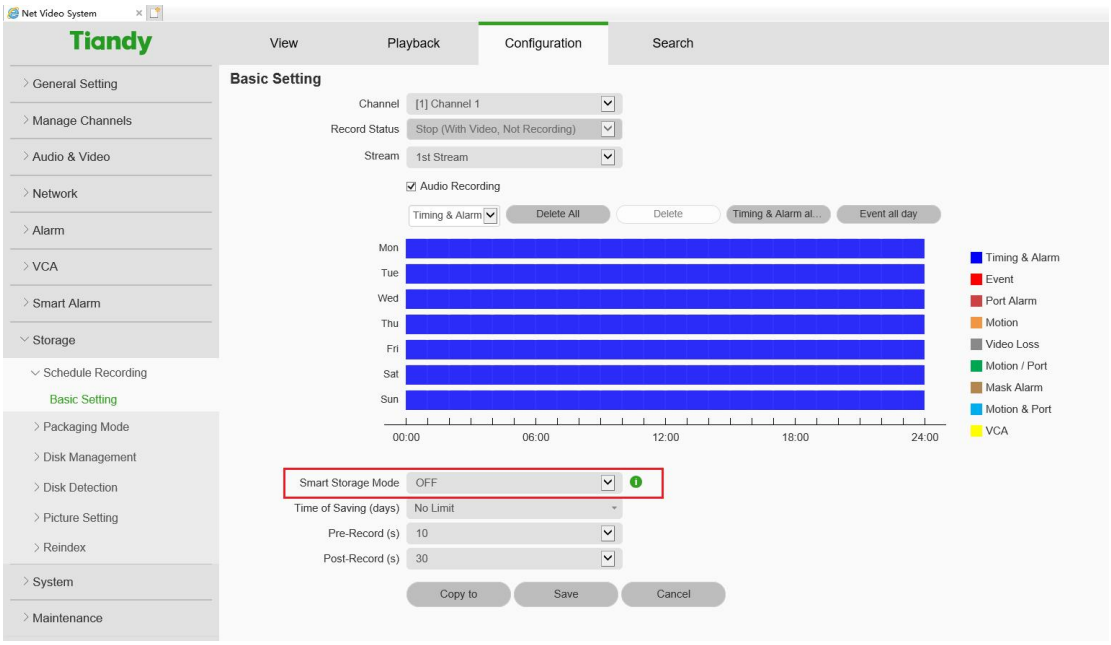
This release adds new features and improves overall usability.

1.2.1 New Features

1.**Smart Storage Mode** – Saves storage space. Configurable as follows:

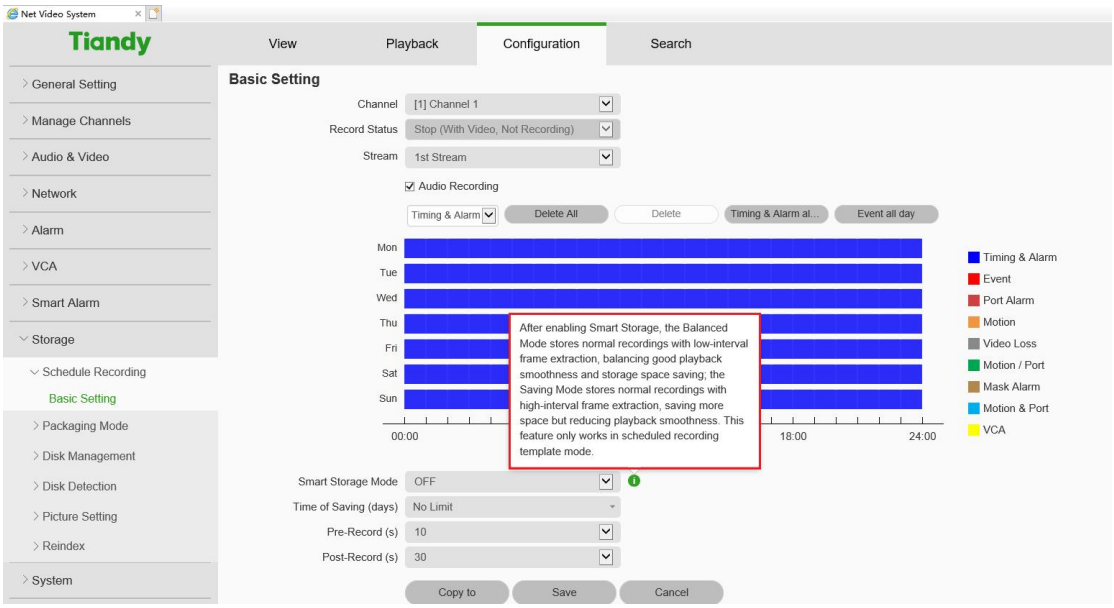
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On the Web interface, under **Schedule Recording**, a new option **Smart Storage Mode** is added. It is disabled by default, and users may enable it as needed. (See figure)

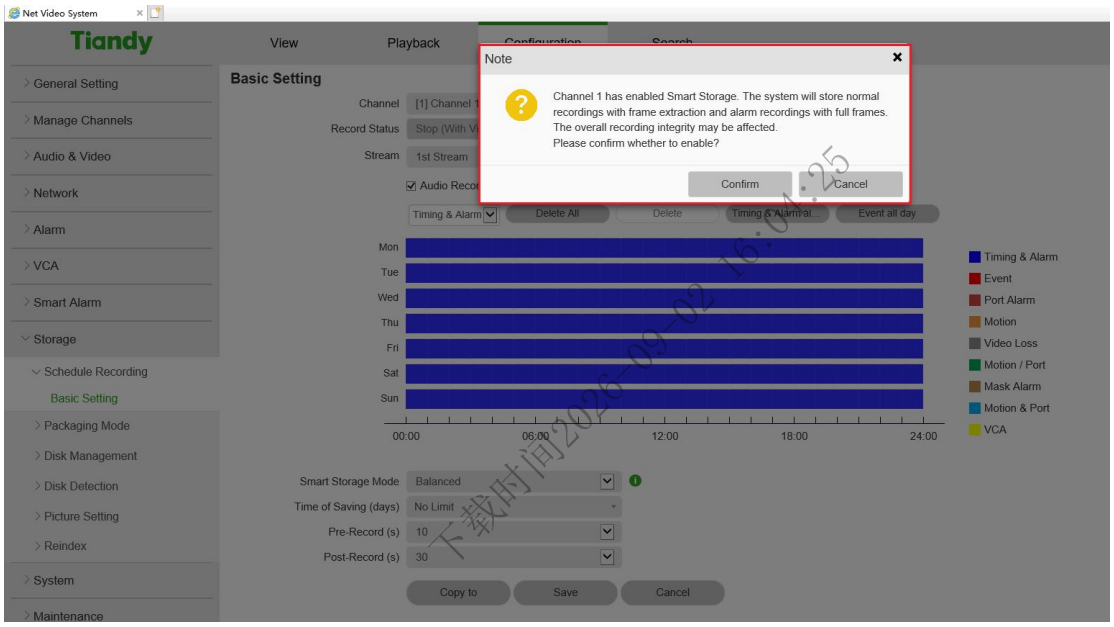


Two Smart Storage modes are available. Click the help icon next to the option to view the differences between the two modes and choose the appropriate configuration based on actual needs. (See figure)

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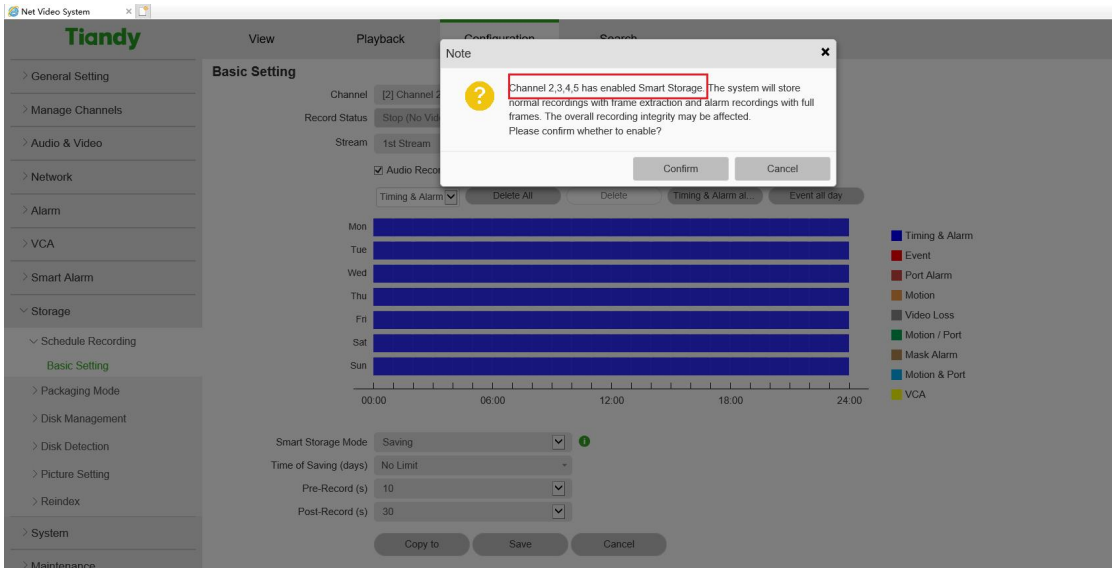
When enabling Smart Storage for a channel, a confirmation prompt appears to ensure the user intends to enable this mode for the selected channel. (See figure)



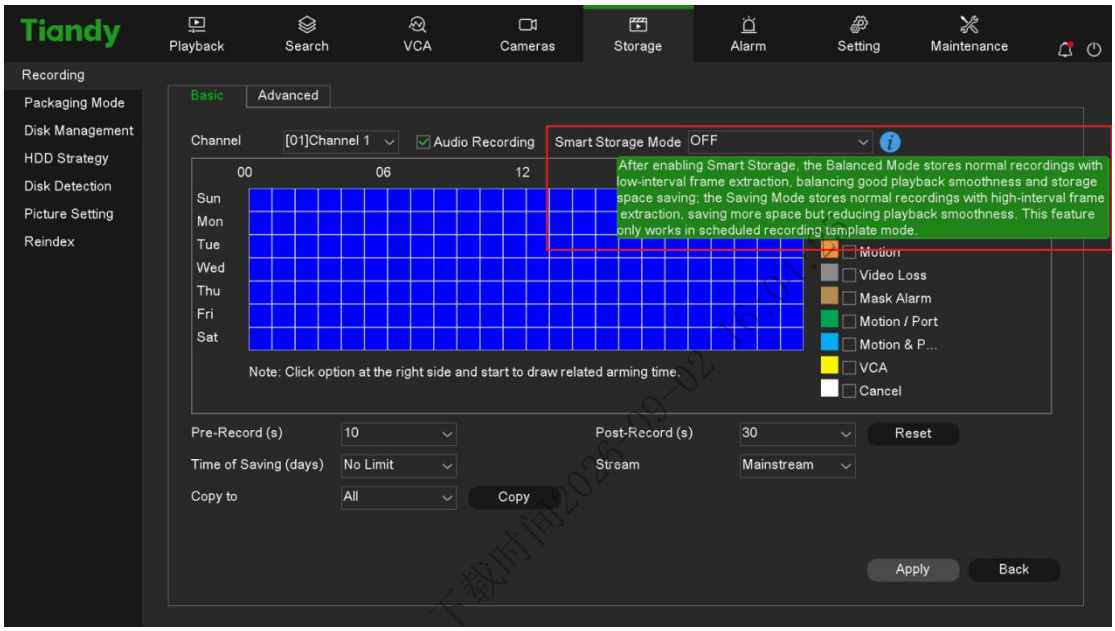
The Smart Storage mode supports a **Copy To** function. By clicking **Copy To** and selecting target channels, users can enable the mode for multiple

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channels at once. The Web interface will display relevant notifications for channels where Smart Storage is enabled. (See figure)



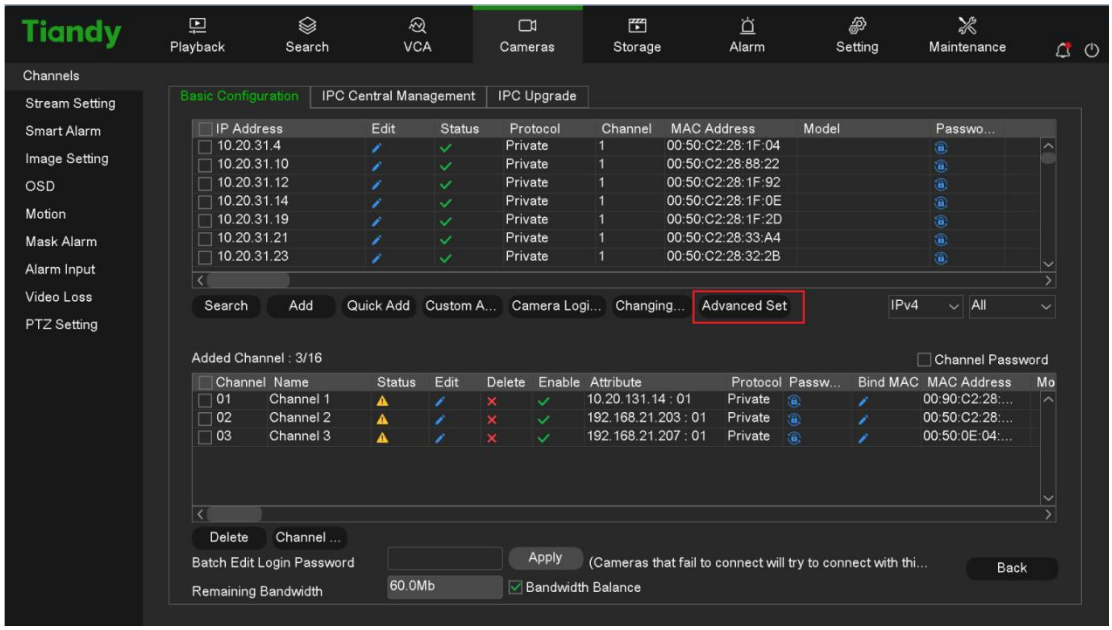
On the local UI, Smart Storage can be configured under **Record** settings, with the same functionality as the Web interface. (See figure)

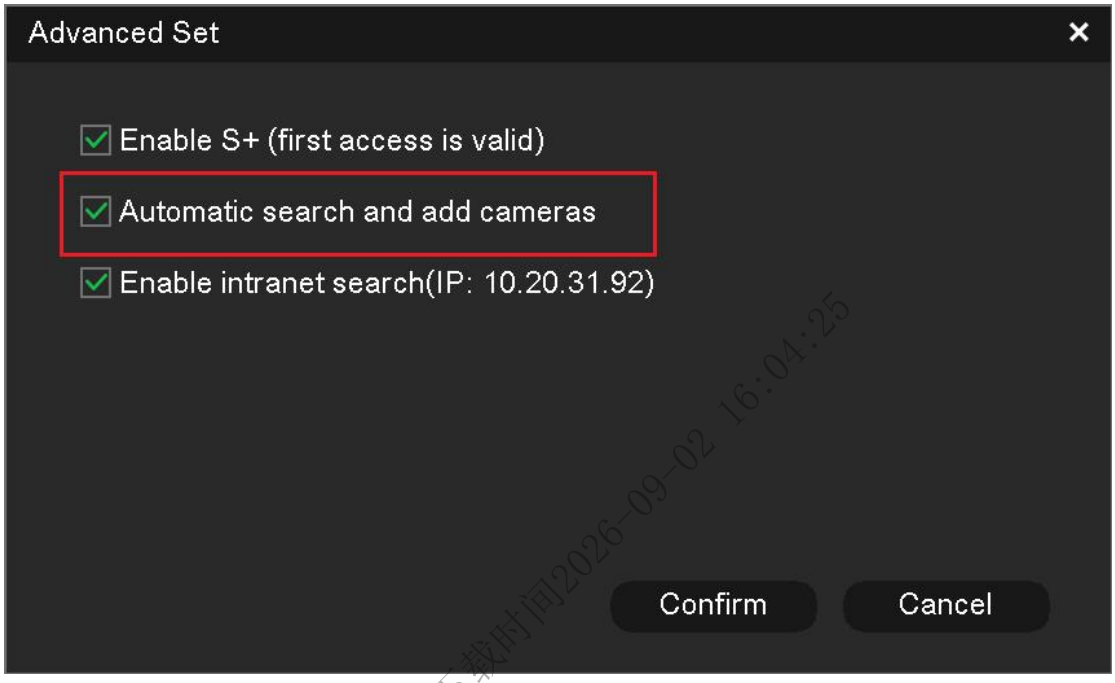


2.**Plug-and-Play for Non-PoE Models** – This feature is enabled by default. When a private camera is detected on the same local network, it will be automatically added. If not needed, users can manually disable this function

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in **Channels > Advanced Configuration > Auto-Search and Add**. (See figures)





3. Backup: The clipped video files are saved in MP4 format and can be played directly using a standard VLC media player.

4. Feature alignment for the SK1 model includes the following:

1） Support for IPC behavior analysis, configuration of intelligent alarm-related algorithms, and storage and retrieval of relevant algorithm parameters;

2） Support for active mode integration with the platform;

3） Addition of RTSP Server functionality;

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4）Support for certificate import/export and HTTPS login;
5）Cross-subnet camera connection enabled by default;
6）Support for S+265 V2.0 encoding (subject to front-end device support);
7）Addition of a master email switch to disable email sending globally when email linkage is not required;
8）Support for NVR activation via the mobile App.

5. For the AK model, all features are aligned with the SK1 model except for the following differences:
1）Does not support intelligent analysis configuration and retrieval;
2）Does not support active mode connection to the platform;
3）Does not include RTSP Server functionality.

1.2.2 Fixed bugs

None

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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