

# NVR-B3610.33.36.240709 Release Notes

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# NVR-B3610.33.36.240709 Release Notes

Keywords: Version information, usage notes, precautions.

**Abstract:** This document provides information about the **NVR-B3610.33.36.240709** board software, including version information, usage notes, precautions, and features.

**Acronym**

Acronym	Full Name
NVR	Network Video Recorder

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# 1 Version Information

## 1.1 Version Number

NVR-B3610.33.36.240709

## 1.2 Applied Product Models

Table 1 Applied Product Models

Product Models	Description
NVR301-04LS2	1 slot, 4-ch, H.264/H.265
NVR301-08LS2	1 slot, 8-ch, H.264/H.265
NVR301-04LS3-P4	1 slot, 4-ch, 4 PoE interfaces , H.264/H.265
NVR301-04S3-P4	1 slot, 4-ch, 4 PoE interfaces , H.264/H.265
NVR301-08LS3-P8	1 slot, 8-ch, 8 PoE interfaces , H.264/H.265
NVR301-08S3-P8	1 slot, 8-ch, 8 PoE interfaces , H.264/H.265
NVR301-16LS3-P8	1 slot, 16-ch, 8 PoE interfaces , H.264/H.265
NVR301-04S3	1 slot, 4-ch, H.264/H.265
NVR301-08S3	1 slot, 8-ch, H.264/H.265
NVR301-16S3	1 slot, 16-ch, H.264/H.265

## 1.3 Release History

Table 2 Released Versions

Version No.	Basic Version No.	Released On
NVR-B3610.33.36.240709	NVR-B3610.33.28.240611	2024-07-09
NVR-B3610.33.28.240611	NVR-B3610.33.27.240523	2024-06-11
NVR-B3610.33.27.240523	NVR-B3610.33.26.240521	2024-05-23
NVR-B3610.33.26.240521	NVR-B3610.32.20.231219	2024-05-21
NVR-B3610.32.20.231219	NVR-B3610.32.18.230824	2023-12-19
NVR-B3610.32.18.230824	NVR-B3610.32.17.230807	2023-08-24
NVR-B3610.32.17.230807	NVR-B3610.31.12.230607	2023-08-07
NVR-B3610.31.12.230607	NVR-B3610.31.11.230411	2023-06-07
NVR-B3610.31.11.230411	NVR-B3610.30.11.230208	2023-04-11
NVR-B3610.30.11.230208	NVR-B3610.29.15.221212	2023-02-08
NVR-B3610.29.15.221212	NVR-B3610.28.27.220909	2022-12-12

NVR-B3610.28.27.220909	NVR-B3610.28.26.220811	2022-09-09
NVR-B3610.28.26.220811	NVR-B3610.28.20.220526	2022-08-11
NVR-B3610.28.20.220526	NVR-B3610.28.15.220511	2022-05-26
NVR-B3610.28.15.220511	NVR-B3610.27.15.220214	2022-05-11
NVR-B3610.27.15.220214	NVR-B3610.27.11.220112	2022-02-14
NVR-B3610.27.11.220112	NVR-B3610.26.8.211202	2022-01-12
NVR-B3610.26.8.211202	NVR-B3610.25.5.210802	2021-12-02
NVR-B3610.25.5.210802	NVR-B3610.23.9.210601	2021-08-02
NVR-B3610.23.9.210601	NVR-B3610.23.8.210517	2021-06-01
NVR-B3610.23.8.210517	NVR-B3610.22.5.210304	2021-05-17
NVR-B3610.22.5.210304	NVR-B3610.21.13.201207	2021-03-04
NVR-B3610.21.13.201207	NVR-B3610.21.11.201123	2020-12-07
NVR-B3610.21.11.201123	NVR-B3610.21.10.201104	2020-11-23
NVR-B3610.21.10.201104	NVR-B3610.21.5.201023	2020-11-04
NVR-B3610.21.5.201023	首次发布	2020-10-23

## 2 Usage Notes

None.

## 3 Software Features

Table 3 Software Features

Service	Feature
Audio and video decoding	H.264 and H.265, 1080P resolution display, up to 16Mbps bit rate.
Data storage	Local storage of recordings in hard disk(s).
Web-based management	Web-based user interface for device configuration and management.

## 4 Version Change Description

### 4.1 Feature Change Description

Table 4 NVR-B3610.33.28.240611 Feature Changes

Item	Feature	Description
Newly added features	Supports loading service with or without plug-in installed	By default, NVR allows to access the Web interface even if the plug-in is not installed. Users can also download the plug-in by clicking the URL on the Web interface for better performance.
	Supports WebSocket persistent connection	Supports accessing the platform via the WebSocket persistent connection.
	Optimized duration and capability of preset patrol	The time that the camera stays at the preset after the patrol is performed depends on the IPC performance.
	Supports Onvif digest authentication	Supports Onvif digest authentication for connected cameras.
	Alarm sound and flashing light of SIP functions support day and night mode	The SIP functions support configuring the day and night mode for the alarm sound and flashing light when an alarm occurs.
	By default, the NVR can sync IPC configuration when the IPC goes online	When the IPC goes online for the first time, the enabled/disabled states of motion detection, human body detection, SIP, and UMD on the NVR will be consistent with those on the IPC.
	1 HDD S3-series NVRs for distributors support network packet capturing	1 HDD S3-series NVRs for distributors support network packet capturing.
	Supports streaming media forwarding	The currently supported app can only transmit streaming media data via NAT traversal or UDP forwarding. As UDP transmission is unreliable, the streaming may fail to start and abnormal signaling interaction may occur in some public network environments. Therefore, the TCP forwarding function is added to deal with this problem.
	Third-party cameras cannot connect the Uniview NVR via the private protocol	The third-party cameras are not allowed to connect the Uniview NVR (including non-brand NVR and OEM NVR) with the private protocol.

Table 5 NVR-B3610.31.11.230411 Feature Changes

Item	Feature	Description
Newly added features	Supports V3.0 plug-in	Supports web client access, live view, and playback with a high-version web browser including Google Chrome, Firefox, Microsoft Edge, etc.
	Camera-side UMD	Supports UMD-enabled cameras and allows user to configure detection area, object types (motor vehicle, non-motor vehicle and pedestrian), arming schedule, alarm-linkage actions, and receives alarms including alarm snapshots (one original image and multiple cutouts).  On the configuration page:  1. Up to 4 detection rules are allowed, each with individually-configured sensitivity and object types (motor vehicle, non-motor vehicle and pedestrian). 2. Supports configuring alarm sound, flashing light, recording, email, buzzer, etc., and corresponding actions will be triggered when an alarm occurs. On the search page:  Supports searching for images based on event types, and search results are small images with camera ID, event type, object type, etc.
	Export IPC diagnosis information	Allows user to export current and historical diagnosis information of an IPC on the NVR.
	Day/night mode for alarm sound and light for UMD-enabled IPCs	Displays custom and day/night mode parameters for UMD-enabled IPCs that support alarm sound/light actions and day/night mode.
	Supports audio configuration for IPC	NVR supports configuring audio parameters for IPC, including audio compression, volume, access mode, sampling rate, etc.

Table 6 NVR-B3610.26.8.211202 Feature Changes

Item	Feature	Description
Newly added features	Perimeter protection camera	Supports connecting deep learning perimeter protection IPCs, which feature intrusion detection, cross line detection, enter area and leave area detection.
	Supports front-end Smart Intrusion Prevention (SIP)	Supports connection of SIP-enabled IPC, supports configuration and alarm.

## 4.2 Operation Change Description

None

## 4.3 Solved Issues

None

# 5 Related Documents and Delivery Method

Table 7 Related Document List

Manual Name	Manual Version	Delivery
Network Video Recorders Quick Guide	V1.00	Deliver with device.

## 6 Version Upgrade Guidance

### 6.1 Precautions

- This software system includes a software program mirror (Program.bin). Before you start upgrade, please back up configuration data through the system or Web interface in case the upgrade fails.
- Maintain proper network connection and power supply during the upgrade.

### 6.2 Upgrade Procedure

The version can be upgraded through the system interface and the Web interface, both support cloud upgrade.

### 6.3 Upgrade Through the System Interface

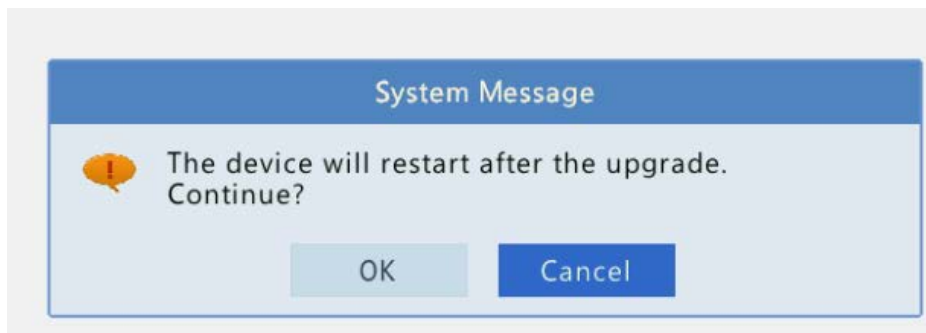
The system interface provides two options for upgrading the system software: local upgrade using a USB drive and cloud upgrade.

#### 1. Local upgrade

Before you start, copy the correct upgrade file to the root directory of the USB drive.

- (1) Plug the USB drive into the USB interface on the NVR.
- (2) Log in to the system interface as “admin”.
- (3) Click **Maintain > Upgrade**.
- (4) Click **Upgrade**, select the upgrade file from the drop-down list, and then click **Upgrade**. A prompt message appears.
- (5) Click **OK**.

Figure 1 Prompt Message



- (6) The NVR will restart automatically when the upgrade is completed.

#### 2. Cloud upgrade

Before you start, check that the NVR is correctly connected to the public network.

- (1) Click **Maintain > Upgrade**, and then click **Check** to check for the latest version.
- (2) Click **Upgrade** after a newer version is detected.

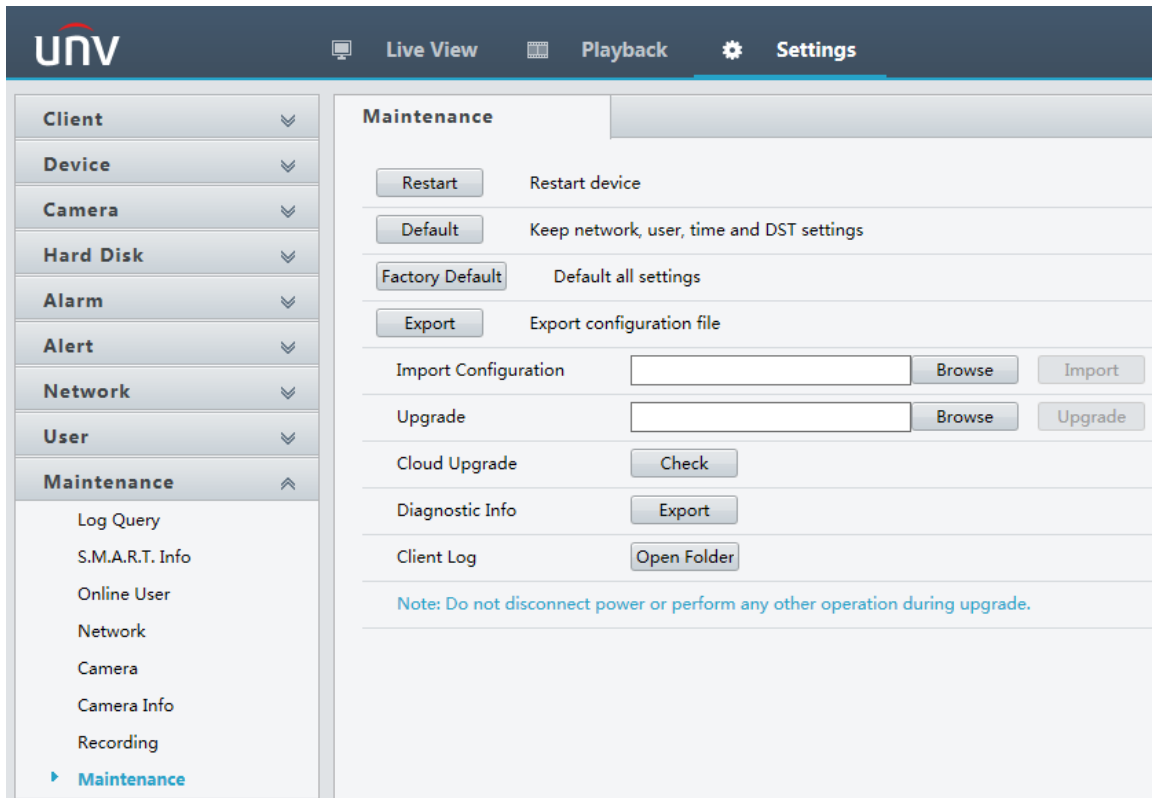


## 6.4 Upgrade Through the Web Interface

Perform the following steps to upgrade through the Web interface:

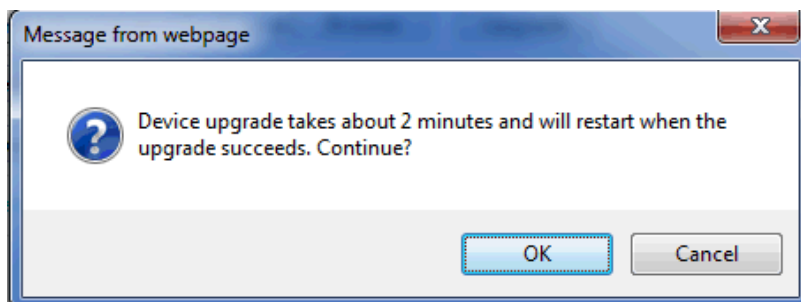
- (1) Log in to the Web interface as “admin”.
- (2) Click **Settings > Maintenance > Maintenance**.

Figure 1 System Maintenance



- (3) Click **Browse** right to the **Upgrade** field, select the **Program.bin** file to upgrade, and then click **Upgrade**.
- (4) If the NVR is connected to the public network, you may also click **Check** to perform a cloud upgrade. If a newer version is detected, a prompt message will appear. Click **OK** to start upgrade.

Figure 2 Prompt Message



- (5) The NVR will restart automatically when the upgrade is completed.

### **Version Upgrade Disclaimer**

1. By setting or installing this program in any way you agree to all of the following terms and conditions. Your downloading or using the program means you acknowledge your full understanding and acceptance of the following terms and conditions. If you do not agree to any of the following terms, you shall not use the program and you must cease installing and delete the program immediately.
2. The upgrade program is only applicable to the intended regions and product models. Before upgrade or update, please read the release notes carefully to make sure the program is applicable to your region and product model. You will be fully liable and responsible for all the consequences of device abnormality and related maintenance costs caused by your improper operations.
3. Uniview owns or is legally authorized to own all rights and IPRs (Intellectual Property Rights) of the program and the supplied release notes.
4. Software upgrades are for the optimization of product functions and do not mean there is defect.
5. You must strictly follow instructions in the release notes during the upgrade process, otherwise you are responsible for the possible consequences and related maintenance costs.
6. You shall not engage in any of the following activities, otherwise you would be liable for infringement and responsible for any adverse consequences arising therefrom.
  - 6.1 Copy the program (exclude the reasonable and necessary copies for internal backups);
  - 6.2 Exclude this statement when using the program or transfer the program to any third party;
  - 6.3 Modify the program or its derivatives;
  - 6.4 Reverse engineer, decompile or disassemble this program.
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