

NVR-B3617.1.36.250326 Release Notes

Zhejiang Uniview Technologies Co., Ltd.

NVR-B3617.1.36.250326 Release Notes

Keywords: Version information, usage notes, precautions.

Abstract: This document provides information about the **NVR-B3617.1.36.250326** 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-B3617.1.36.250326

1.2 Applied Product Models

Table 1 Applied Product Models

Product Models	Description
NVR301-08S4-LW	1 slot, 8-ch, WIFI, H.264/H.265

1.3 Release History

Table 2 Released Versions

Version No.	Basic Version No.	Released On	Remarks
NVR-B3617.1.36.250326	NVR-B3617.1.33.250306	2025-03-28	Improved release
NVR-B3617.1.33.250306		2025-03-06	Initial release

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-B3617.1.36.250326 Feature Changes

Item	Feature	Description
Newly added features	UNV-Link app connection	Users can manage Wi-Fi NVRs using the UNV-Link app. Users can view live and recorded video from the Wi-Fi cameras connected to the Wi-

Item	Feature	Description
		Fi NVR, and configure channels and alarms on the app.
Optimized features		
Deleted features		

Table 5 NVR-B3617.1.33.250306 Feature Changes

Item	Feature	Description
Newly added features	Support IPC Wi-Fi connection	NVR supports configuring NVR's Wi-Fi parameters, and one-click Pair. NVR supports Wi-Fi cascade.This function is only available on the local interface.
Optimized features	Optimized connection policy of private protocol	Optimized the policy of connecting certain IPCs via private protocol
Deleted features		

Table 6 NVR 240816 Feature Changes

Item	Feature	Description
Newly added features		
Optimized features	Optimized Smart U	<p>On the SmartU page, HDD, Client,Carrier,Channel functions are re-arranged.</p> <p>In the Client function, Total Send Bandwidth is newly displayed.</p> <p>In the HDD function, each HDD's status is newly displayed via variety of icons ,including HDD Health, Retention.</p> <p>In the Channel function, each channel's status is newly displayed via variety of icons. With recording(s) is newly displayed .</p> <p>The  and  buttons are newly added.Click to start detecting, and the detection results will be displayed in the right pop-up window.</p> <p>The  button is newly added. Click to enter the One Click page.</p>
Deleted features		

Table 7 NVR 240709 Feature Changes

Item	Feature	Description
Newly added features		

Item	Feature	Description
Optimized features	A small eye icon is added on the password input pages	A small eye icon is added on all the password input pages. User can click this icon to view the password in clear text. The password is not displayed in clear text by default.
Deleted features		

Table 8 NVR 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 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.
	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 9 NVR 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	<p>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).</p> <p>On the configuration page:</p> <ol style="list-style-type: none"> Up to 4 detection rules are allowed, each with individually-configured sensitivity and object types (motor vehicle, non-motor vehicle and pedestrian). Supports configuring alarm sound, flashing light, recording, email, buzzer, etc., and corresponding actions will be triggered when an alarm occurs. <p>On the search page:</p> <p>Supports searching for images based on event types, and search results are small images with camera ID, event type, object type, etc.</p>

	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 10 NVR 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 Smart front-end 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 11 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

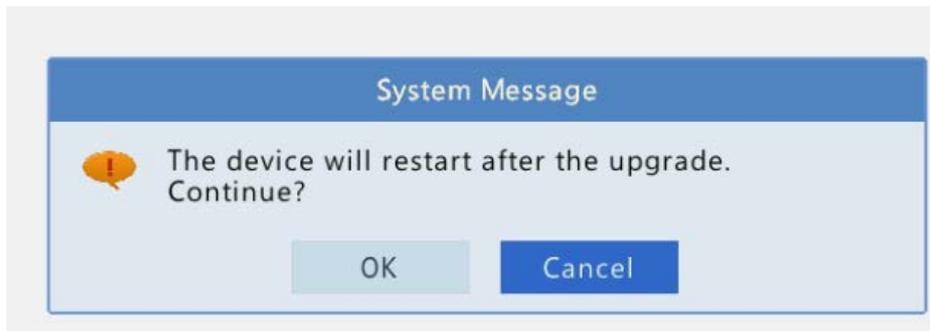
The system interface provides two options for upgrading the system software: local upgrade using a USB drive and cloud upgrade.

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.

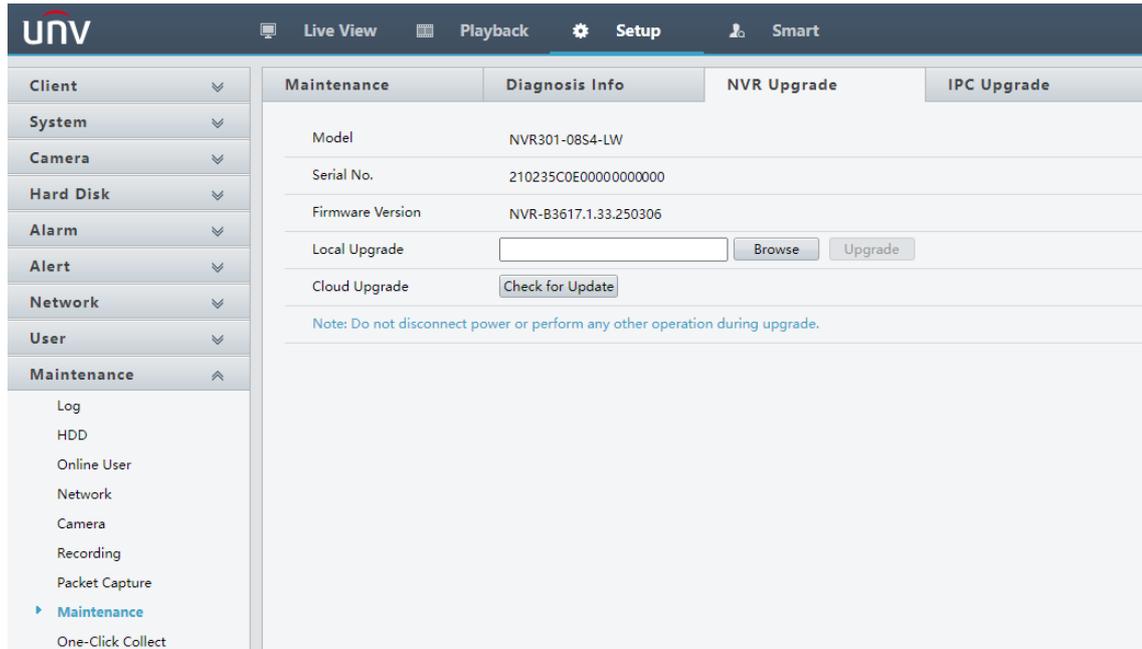
- (1) Click **Maintain > Upgrade**, and then click **Check** to check for the latest version.
- (2) Click **Upgrade** after a newer version is detected.

6.4 Upgrade Through the Web Interface

Perform the following steps to upgrade through the Web interface:

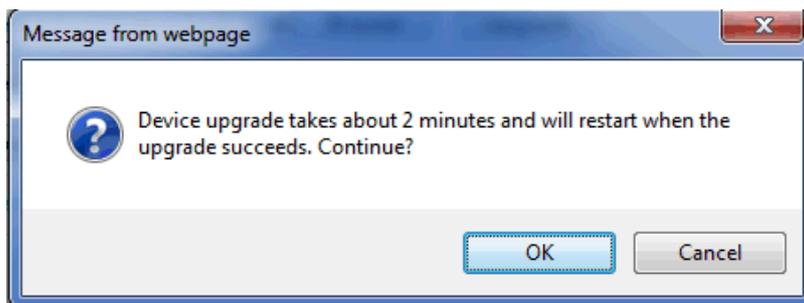
- (1) Log in to the Web interface as “admin”.
- (2) Click **Setup > Maintenance > NVR Upgrade**.

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 for Update** 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.
7. The program is only intended for authorized users. Its architecture, organization and source code are valuable trade secrets and confidential information owned by Uniview and its authorized parties. You agree not to provide or disclose any confidential information contained in or derived from the software to any third party. No part of this document may be excerpted, reproduced, or distributed in any form by any entity or individual without written consent from our company.