

NVR-B3801.20.11.200727Release Notes

Zhejiang Uniview Technologies Co., Ltd.

NVR-B3801.20.11.200727Release Notes

Keywords: Version information, usage notes, precautions.

Abstract: This document provides information about the **NVR-B3801.20.11.200727** 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-B3801. 20.11.200727

1.2 Applied Product Models

Table 1 Applied Product Models

Product Models	Description
NVR301-04S2	1 slot, 4-ch, H.264/H.265
NVR301-08S2	1 slot, 8-ch, H.264/H.265
NVR301-08S2-P8	1 slot, 8-ch, 8 PoE interfaces , H.264/H.265
NVR301-08LS2-P8	1 slot, 8-ch, 8 PoE interfaces plastic shell NVR, H.264/H.265
NVR301-04S2-P4	1 slot, 4-ch, 4 PoE interfaces , H.264/H.265
NVR301-04LS2-P4	1 slot, 4-ch, 4 PoE interfaces plastic shell NVR, H.264/H.265

1.3 Release History

Table 2 Released Versions

Version No.	Basic Version No.	Released On
NVR-B3801.20.11.200727	NVR-B3801.19.15.200522	2020-07-27
NVR-B3801.19.15.200522	NVR-B3801.19.8.200518	2020-05-22
NVR-B3801.19.8.200518	NVR-B3801.19.6.200324	2020-05-18
NVR-B3801.19.6.200324	NVR-B3801.19.5.200313	2020-03-24
NVR-B3801.19.5.200313	NVR-B3801.18.32.200311	2020-03-13
NVR-B3801.18.32.200311	NVR-B3801.18.30.200106	2020-03-11
NVR-B3801.18.30.200106	NVR-B3801.18.26.191225	2020-01-06
NVR-B3801.18.26.191225	NVR-B3801.18.18.191104	2019-12-25
NVR-B3801.18.18.191104	NVR-B3801.17.18.190919	2019-11-04
NVR-B3801.17.18.190919	NVR-B3801.17.18.190919	2019-09-19
NVR-B3801.17.16.190816	NVR-B3801.17.14.190812	2019-08-16
NVR-B3801.17.14.190812	NVR-B3801.17.13.190731	2019-08-12
NVR-B3801.17.13.190731	Initial release	2019-07-31

2 Usage Notes

None.

3 Software Features

Table 3 Software Features

Service	Feature
Audio and video decoding	H.264 and H.265, 5MP 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-B3801.20.11.200727Feature Changes

Item	Feature	Description
Newly added features	Support saving password	Support saving password for easier login.
	Improved homepage	Adjust the level of Shutdown, Restart, and Logout buttons for higher ease of use.
	Earliest recording button	Add an earliest recording button for quick search.
	Diagnosis info collection	Support exporting diagnosis information and operation logs with one click.
	Improved QR code display	Add text prompt beside QR code guiding users to scan with app.
Improved features	Audio optimization	Reduce background noise, and improve the audio quality of HDMI output and Audio Out.
	USB drive compatibility	Improved compatibility with external hard drive.
	Dome camera compatibility	Support connecting Topsee dome camera.

Table 5 NVR-B3801.19.15.200522Feature Changes

Item	Feature	Description
Newly added features	Smart U network check	Improve the speed and accuracy of Smart U network check; improve user experience.

Table 6 NVR-B3801.19.5.200313Feature Changes

Item	Feature	Description
Newly added features	Mask detection	Support alarm and configuration of mask detection cameras.
	EZDDNS	Support adding cameras over WAN via EZDDNS.
	Ease of use for multiple-NVR networking	Support displaying the managing NVRs of a camera if the camera is added to multiple NVRs.

Table 7 NVR-B3801.18.18.191104Feature Changes

Item	Feature	Description
Newly added features	Smart U	A smart assistant that displays NVR's overall working status in one page, enabling users to check NVR's network and HDD status with one click, and giving recommendations for abnormal statuses.
	Improved error message in preview page	More detailed messages such as incorrect password and network error are displayed in preview page, so that user experience improved.
	Support disabling third stream audio	Support disabling third stream audio and copying audio settings to multiple channels.
	Connect video doorbell	Support video doorbell, which, if connected, doorbell calling alarm can be received both on the NVR and the app.
	Improved storage settings	Support encoding settings of third stream, and more Storage Mode options, so that the problem that camera with no third stream cannot play back in SD mode.
Improved features	Improved connectivity with Topsee camera	The NVR supports searching and connecting a Topsee camera in different network segment, even if Full Netcom is not enabled for the camera.

4.2 Operation Change Description

None

4.3 Solved Issues

None

5 Related Documents and Delivery Method

Table 8 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

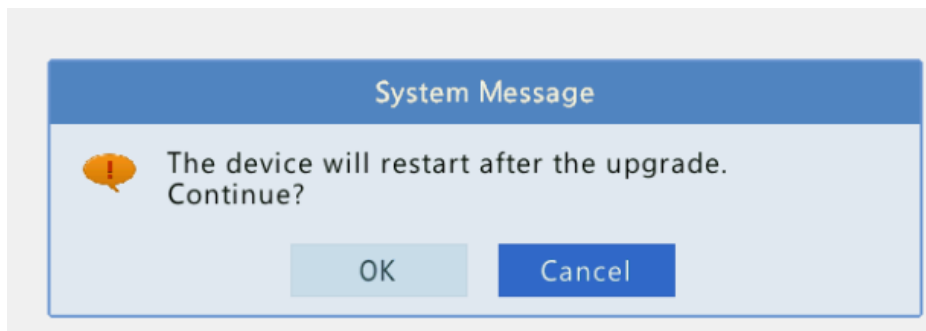
The system interface provides two options for upgrading the system software: local upgrade using a USB drive and cloud upgrade.

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.

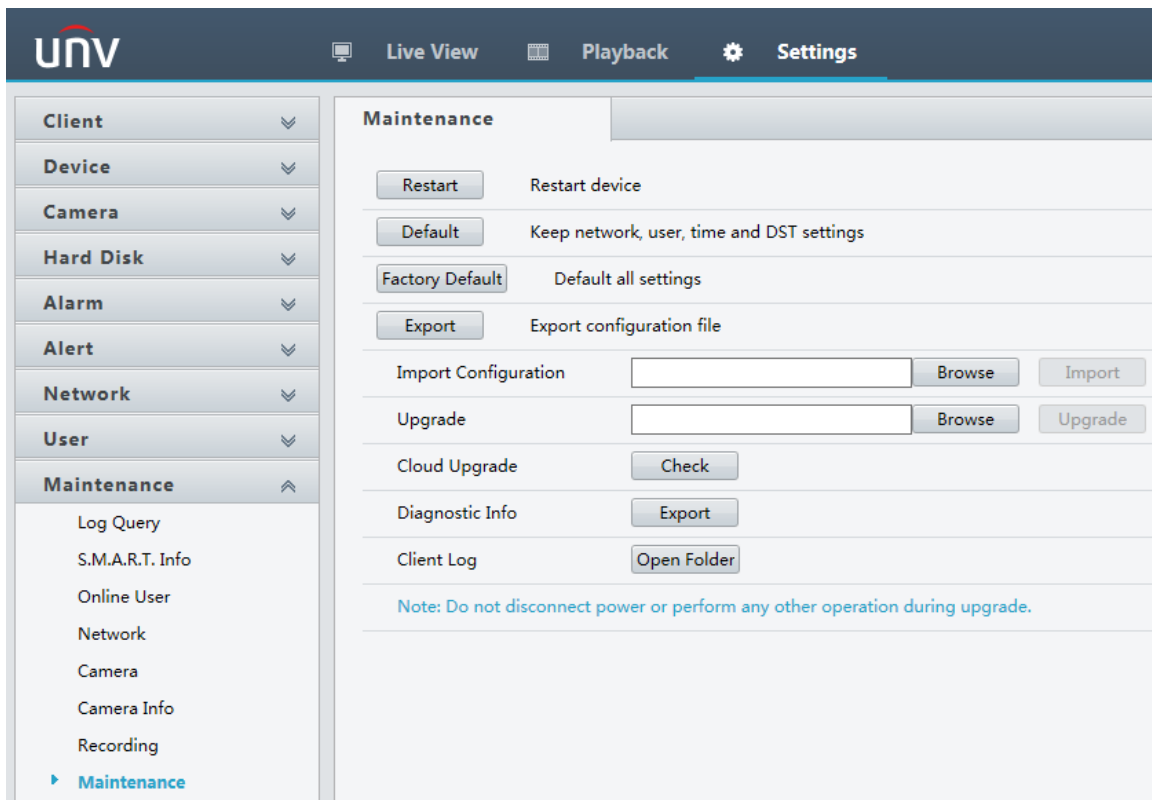
- (1) Click **Maintain >Upgrade**, and then click **Check** to check for the latest version.
- (2) Click **Upgrade** after a newer version is detected.

6.4 Upgrade Through the Web Interface

Perform the following steps to upgrade through the Web interface:

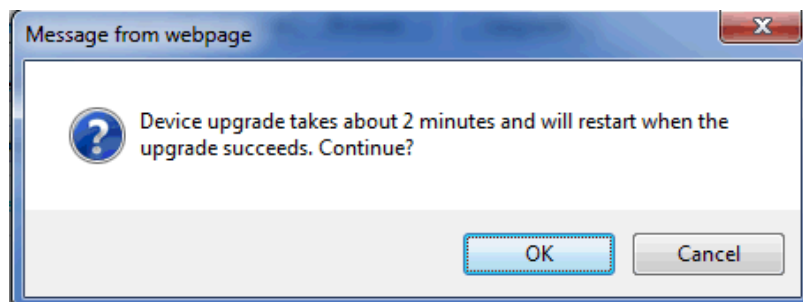
- (1) Log in to the Web interface as “admin”.
- (2) Click **Settings>Maintenance>Maintenance**.

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.

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