



Milesight_Release_Note_For_NVR_7X.9.0.4

Firmware Version: 7X.9.0.4

Release Date: 21st May, 2019

1.Overview

Milesight, a leading designer and manufacturer of IP communication products and IP video surveillance products, is pleased to announce the release of the new firmware version 7X.9.0.4 of Milesight NVR.

We got a revolutionary upgrade with **plugin-free solution** in this version for Firefox, Chrome, Safari and Edge browser. You don't have to download plugin for viewing with plugin-free mode, which aims to bring better user experience. Don't forget to check the browser version that supports this function in the main text.

2.Firmware link

| Model | Firmware | Download Address |
|---|-----------------|---|
| MS-N1009-UT/MS-N1009-UNT/ MS-N5008-UT/MS-N5016-UT/ MS-N1009-UPT/ MS-N5008-UPT/MS-N5016-UPT | 72.9.0.4 | https://drive.google.com/open?id=1me_AJ9RpD6RqmJqllc5QfvCpRA9GI-rP |
| MS-N7016-UH/MS-N7032-UH/ MS-N8032-UH/MS-N8064-UH/ MS-N7016-UPH/MS-N7032-UPH | 71.9.0.4 | https://drive.google.com/open?id=1wJrgsWl8sLYwAbF-jNY8bfOzrZQ5CqWS |

Note:

- ① If you failed to download the firmwares by clicking the links directly, please copy the links to browser to download.
- ② The second number stands for the major version number, while the last two numbers mean the sub version number. Take 71.9.0.4 for example, the NVR's main version is 9 and its sub version is 4.

3.What's new

3.1 New Features

- (1) **Plugin-free solution** for browser viewing of Windows system and MAC system including Firefox, Chrome, Safari, and Edge browser.

Note:

- ① Please set video codec to H.264 for viewing.
- ② Ensure that your browser versions are as below to support plugin-free play mode.
 - Firefox: Version 53.0.1 or above
 - Chrome: Version 46.0.0.1 or above
 - Safari: Version 12.0.1 or above
 - Edge: Version 12.0.0.1 or above

- (2) Support to fully operate functions of NVR added to CMS by P2P. Please upgrade your NVR to 7x.9.0.4 first.
- (3) Support to add NAS with /root directory/parent directory format, and we will generate a folder named Device Model-MAC Address automatically in it after initializing.

The screenshot shows the 'Add Network Disk' configuration window. It includes fields for Network Disk (Network Disk1), Type (NAS), IP Address (192.168.11.226), and Directory (/volumn1/Milesight). Below these fields is a table with columns 'No.' and 'Directory'. At the bottom are 'Search', 'OK', and 'Cancel' buttons.

- (4) Support to add 20 users at most.
- (5) Compatible with new MS-N7032-UPH which has 24 PoE ports for plug-and-play.

3.2 Optimizations

- (1) Optimize the stability of NAS recording.
- (2) Optimize the stability of Speed Up Playback.
- (3) Compatible with Lens Distort Correct option for Milesight H.265+ 180° Panoramic Mini Bullet Network Camera, which is used for dewarping image.

Note: Please upgrade your camera firmware to version 43.7.0.70 or above to support this function.

The screenshot shows various camera configuration settings. The 'Lens Distort Correct' option under the 'Image Rotation' section is highlighted with a red box. Other visible settings include Day/Night Mode (Auto Mode), Day to Night Value (36), Night to Day Value (82), IR Light Sensor Value (0), Wide Dynamic Range (Off), Power Line Frequency (50Hz), Corridor Mode (Off), Image Rotation (Rotating 180°), Lens Distort Correct (On), IR Balance Mode (On), and White Balance (Auto White Balance).

- (4) Optimize the UI display of playback interface.
- (5) Optimize the Japanese UI display.

- (6) Optimize the plug-and-play function of PoE NVR Series.
- (7) Optimize other issues.

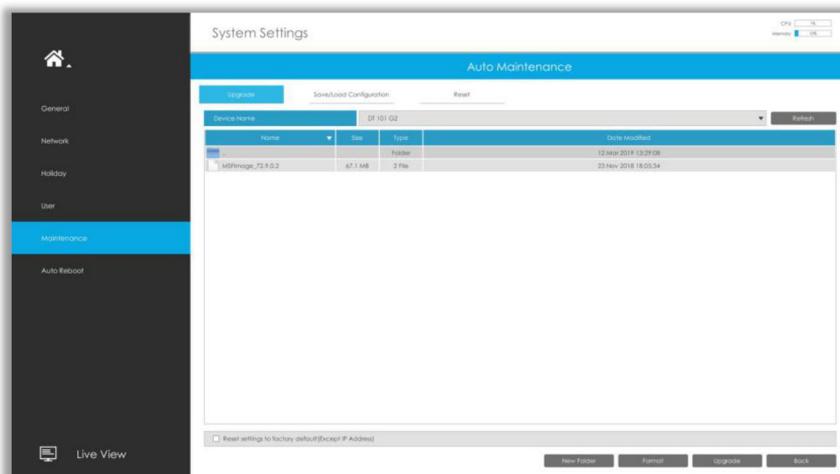
3.3 Bug Fixes

- (1) Fix the bug that NVR reboots unexpectedly because of some special operations on the local monitor.
- (2) Fix the bug that NAS can't be successfully added when NVR has no hard disk.
- (3) Fix the bug of the PoE NVR Series that the authentication password of PoE channel can't synchronous with the NVR's successfully if you do the hardware reset or reset NVR without keeping user information.
- (4) Fix the bug that IP Edit function doesn't work.
- (5) Fix the playback bug that time pointer jumps to O'clock if you start and stop video continuously.
- (6) Fix other bugs.

4. Upgrade Steps

4.1 Upgrade via Monitor:

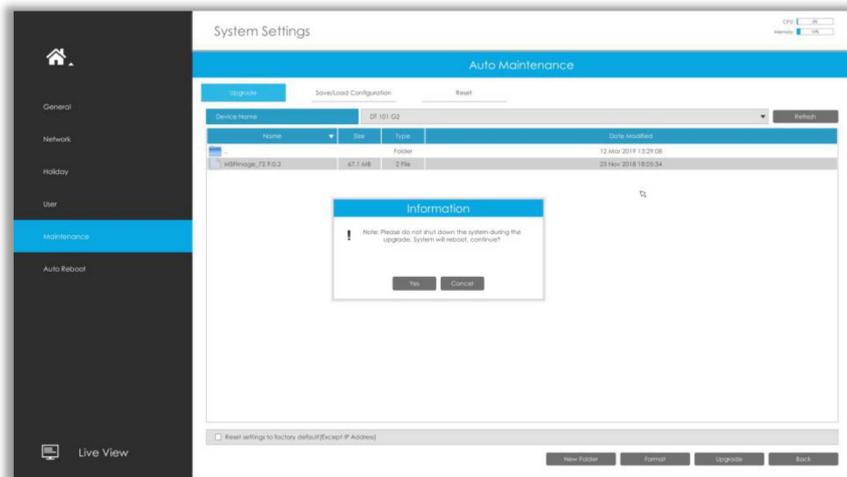
Step1. Enter the upgrade menu by clicking Main Menu -> System Settings -> Upgrade.



Step2. Search and select corresponding firmware you downloaded in your USB.



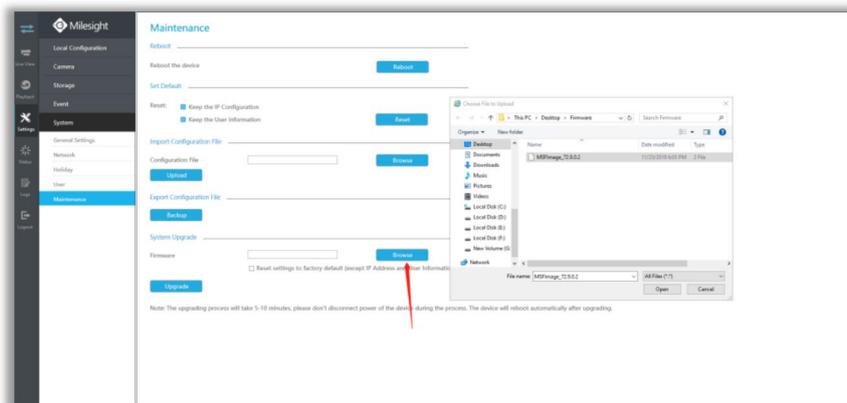
Step3. Click [Upgrade] button to confirm the upgrade. The system will reboot automatically after upgrade.



4.2 Upgrade via Web Page:

Step1. Enter upgrade menu by clicking Settings -> System -> Maintenance.

Step2. Click “Browse” for System Upgrade and find the position where you downloaded the firmware. Remember to check the model to make sure that it corresponds to the firmware.



Step3. After choosing the corresponding firmware, click “Upgrade” button to confirm the upgrade.

