



# Milesight Release Note For NVR

Firmware Version: 7X.9.0.16

Release Date: 19<sup>th</sup> July, 2022

## 1. Overview

Milesight, the best-in-class AIoT surveillance solution provider who manufactures products with superior image quality, exceptional flexibility and reliability for the global market, is pleased to announce the release of the new firmware version 7X.9.0.16 of Milesight NVR.

In this version, Milesight NVR achieves many brand new functions to manage the cameras more easily, such as **Batch Maintenance of Camera**, **Batch Editing of Smart Stream**, **Adjusting the Font Size of OSD**, etc.

Besides, there are many other user-friendly features waiting to be explored. For example, the newly added “Warning” status of hard disk can greatly ensure data security. To sum up, you will have a different experience with this version.

## 2. Firmware link

Model	Firmware	Download Address
MS-N7016-UH/MS-N7032-UH/ MS-N8032-UH/MS-N8064-UH/ MS-N7016-UPH/MS-N7032-UPH/ MS-N7048-UPH	71.9.0.16	<a href="https://drive.google.com/file/d/12T0QVcTJLuQiPqku181YH8W8QnbRMN-Z/view?usp=sharing">https://drive.google.com/file/d/12T0QVcTJLuQiPqku181YH8W8QnbRMN-Z/view?usp=sharing</a>
MS-N1004-UC/MS-N1008-UC/ MS-N1008-UNC/MS-N5008-UC/ MS-N1004-UPC/MS-N1008-UPC/ MS-N1008-UNPC/MS-N5008-UPC	73.9.0.16	<a href="https://drive.google.com/file/d/1y9y4i6PDxpTeoXW-SCteZhRz-aO0_cVV/view?usp=sharing">https://drive.google.com/file/d/1y9y4i6PDxpTeoXW-SCteZhRz-aO0_cVV/view?usp=sharing</a>
MS-N5016-E/MS-N5016-PE	75.9.0.16	<a href="https://drive.google.com/file/d/1GZ3y41jQlbDldwMbV3r7rJ3qKGv2KL8e/view?usp=sharing">https://drive.google.com/file/d/1GZ3y41jQlbDldwMbV3r7rJ3qKGv2KL8e/view?usp=sharing</a>

**Note:**

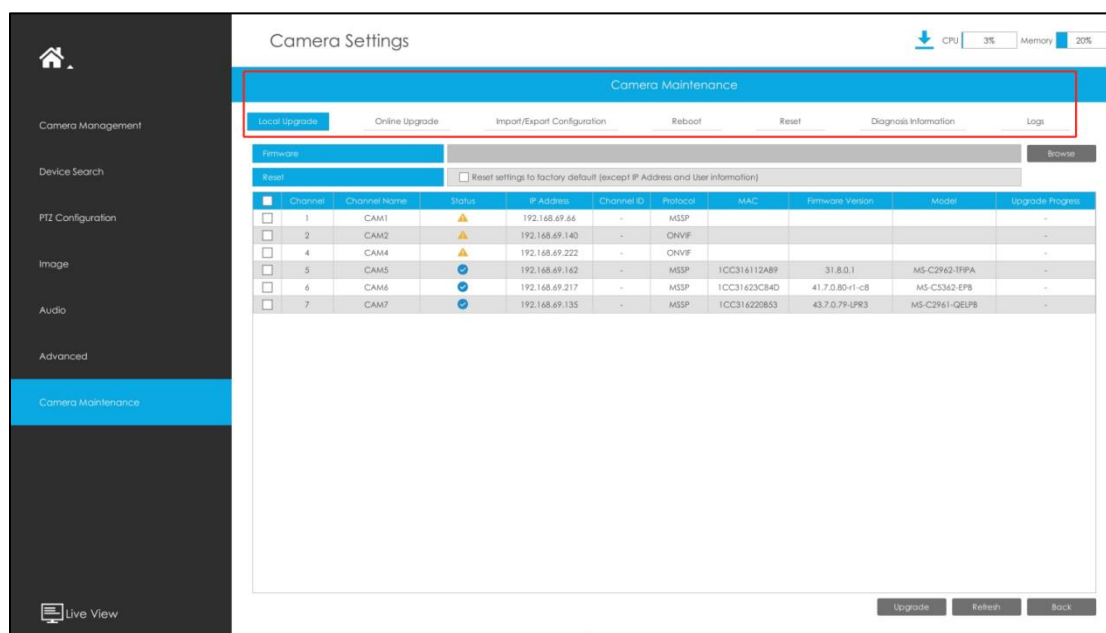
- ① If you failed to download the firmwares by clicking the links directly, please copy the links to browser to download.

- ② The second number stands for the major version number, while the last two numbers mean the sub version number. Take version 71.9.0.16 for example, the NVR's main version is 9 and its sub version is 16.
- ③ Downgrade operation is not supported for the NVR with factory version 7x.9.0.16 or above.

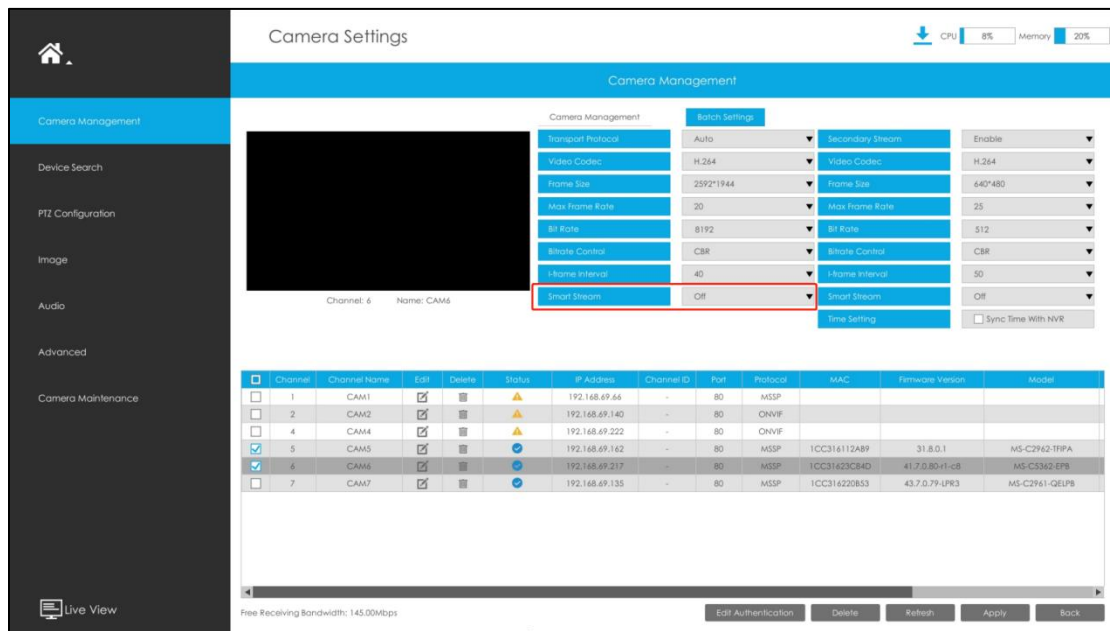
## 3.What's new

### 3.1 New Features

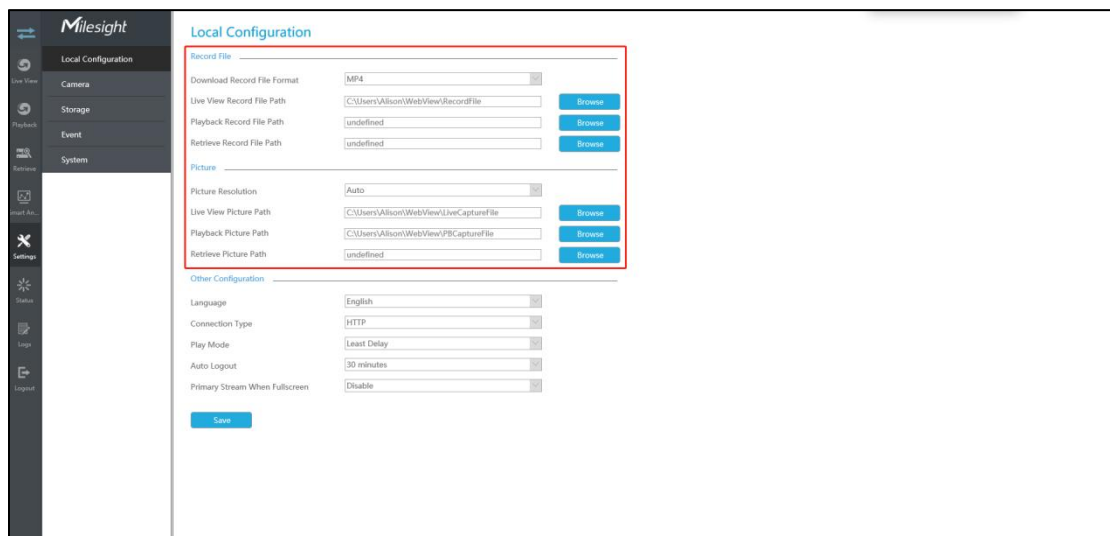
- (1) Support batch maintenance of cameras including Import&Export Configuration, Reboot, Reset, etc., making Milesight NVRs become the central management site to manage the cameras more easily.



- (2) Support batch editing of smart stream parameters on the NVR side to facilitate user configuration.

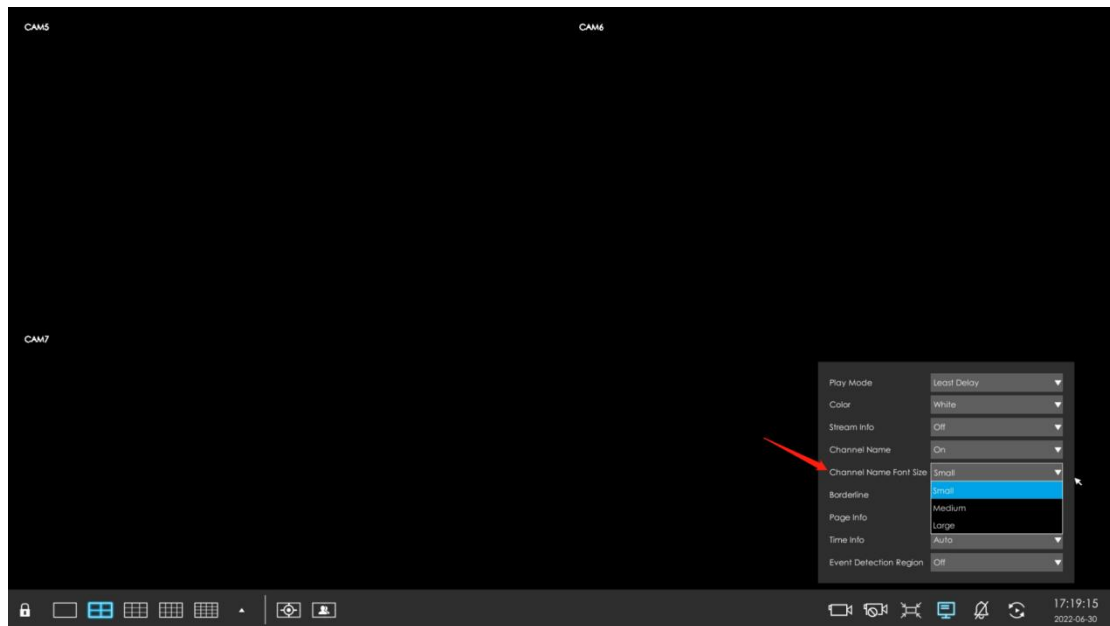


- (3) Add the "Warning" status of the Hard Disk in the Disk Management interface to ensure data security.
- (4) Support unified configuration of formats and paths for record files and pictures in the Local Configuration interface.

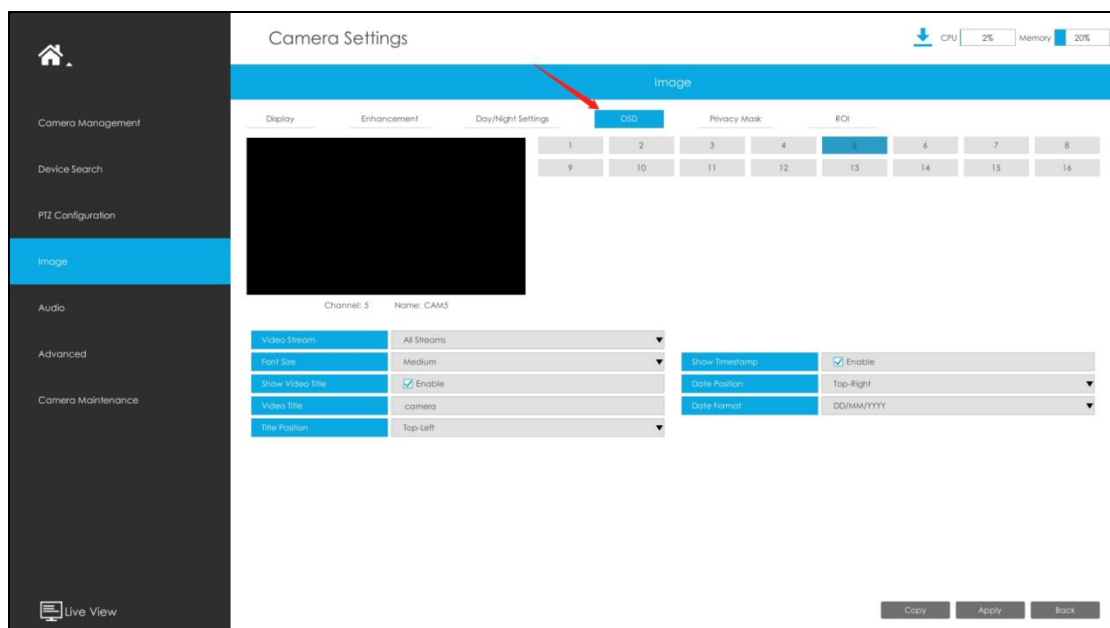


**Note:** If you access the NVR with Plugin-free mode, it is not supported to configure the path.

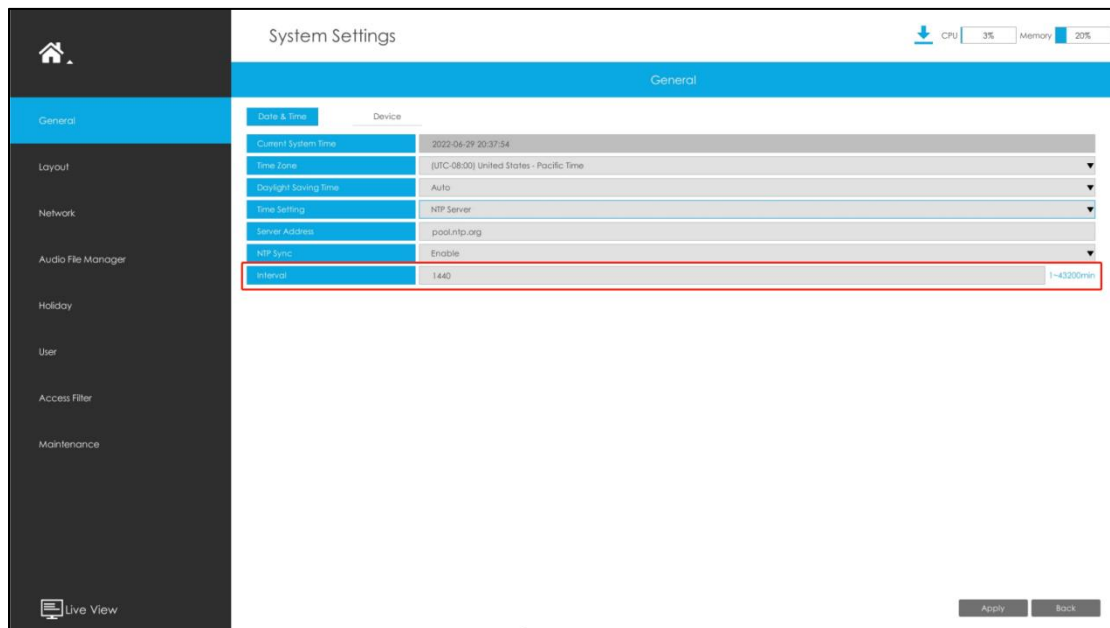
- (5) Support configuring the font size of Channel Name on the local monitor side to adapt to different monitoring scenarios more flexibly.



- (6) Support adjusting the OSD font size directly on the NVR side instead of the camera web for a better user experience.



- (7) Support NTP Interval ranging from 1 to 43200 minutes in the Date&Time interface.



(8) Compatible with the new camera model MS-Cxxxx-xD.

**Note:** Make sure your camera version is 5x.7.0.76-r11 or above.

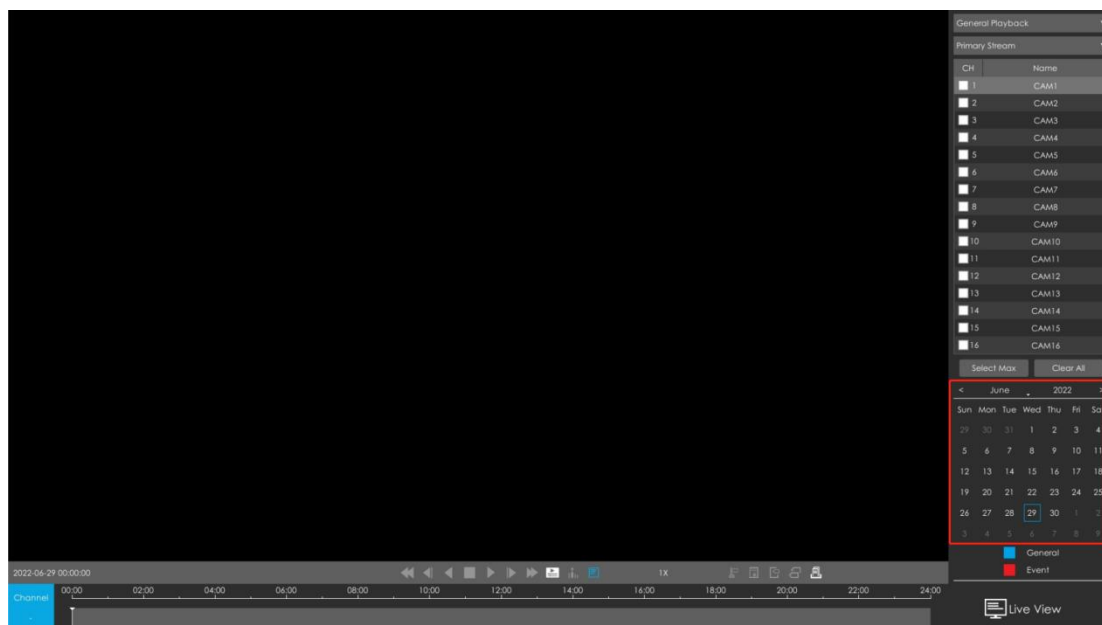
### 3.2 Optimizations

- (1) Optimize the text display on some interfaces as well as the Japanese interface.
- (2) Compatible with the Camera Alarm Input configuration for the cameras with four alarm input interfaces.
- (3) Optimize the logic of the table on the NVRs.
- (4) Optimize the logic of Local Upgrade and Online Upgrade functions in the Camera Maintenance interface.
- (5) Optimize other functions.

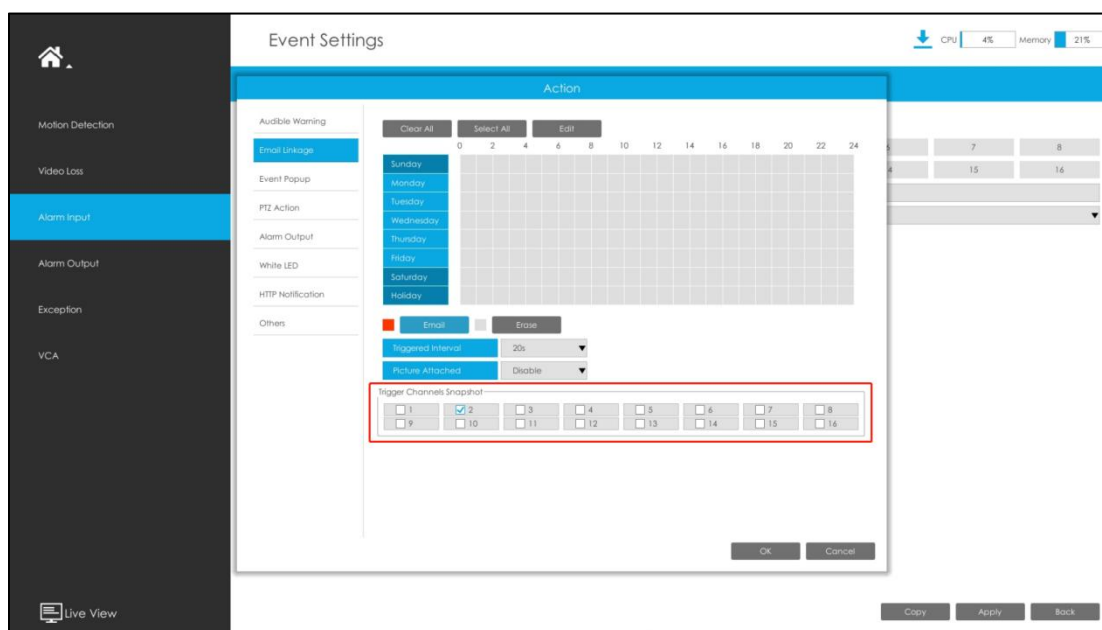
### 3.3 Bug Fixes

- (1) Fix some bad flash issues.
- (2) Fix the playback failure issue when connecting the NVR to Milesight CMS with non-admin user permission.
- (3) Fix the audio failure issue in the Live View interface when adding a third-party camera via RTSP protocol.
- (4) Fix the calendar issue when long-pressing the “Next Page” button in the Playback

interface of the NVR local monitor side.



- (5) Fix the NVR stuck problem when switching channels frequently in the Video Record interface of the NVR local monitor side.
- (6) Fix the interface display issue when logging in to the NVR Webpage via Milesight DDNS.
- (7) Fix the email linkage failure issue. When the NVR Alarm Input triggered email linkage with snapshots of another channel, and the corresponding channel was disconnected at the same time, the email cannot be sent successfully.



- (8) Fix the unstable connection issue when connecting the Lilin camera to Milesight NVRs.
- (9) Fix the bug that the Plugin-free mode could not take effect for some Panasonic cameras on Milesight NVRs.
- (10) Fix other bugs.

## 4. Upgrade steps

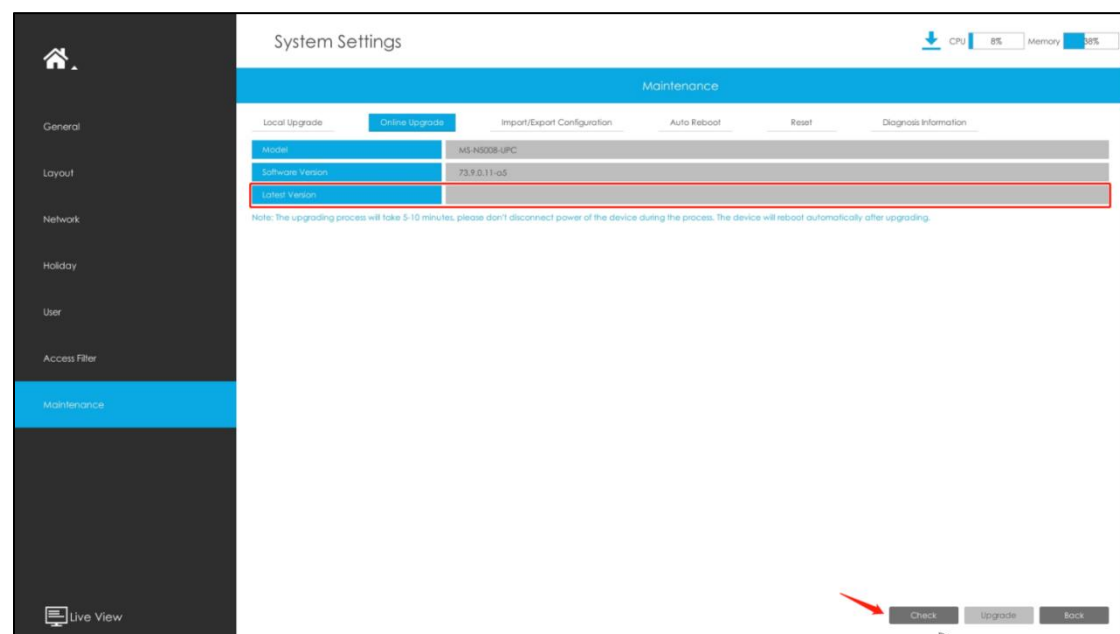
### 4.1 Online Upgrade

#### ① Online Upgrade via Monitor

**Step1.** Enter the upgrade menu by clicking Main Menu -> Settings -> Maintenance -> Online Upgrade;

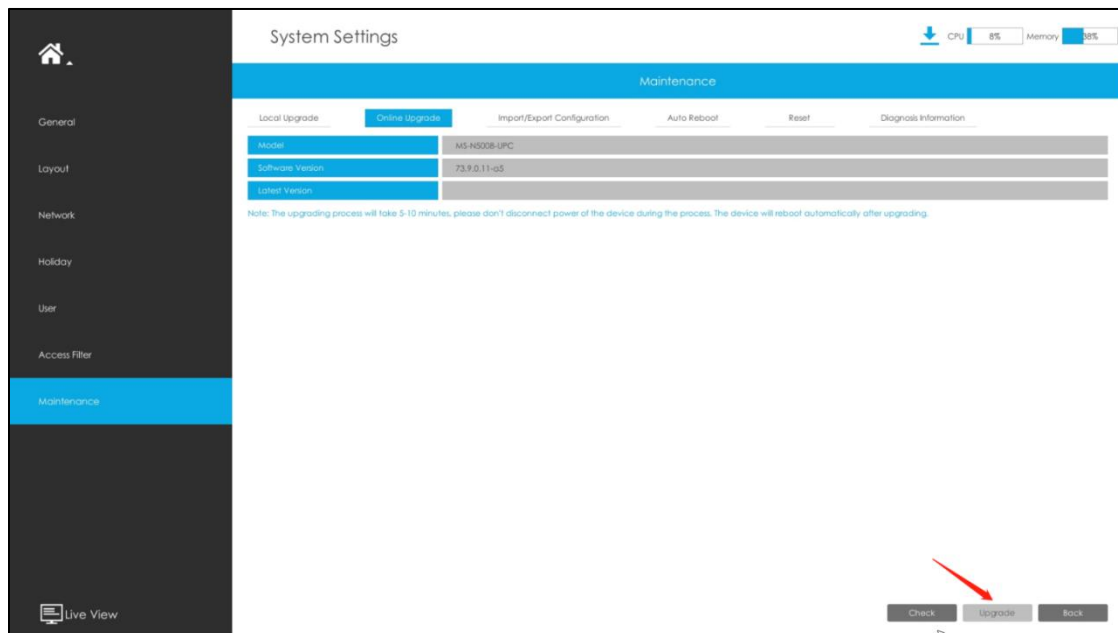
**Step2.** Click “Check” to confirm whether there is a new version;

If there is a new version, the Latest Version column will display corresponding information.



**Step3.** Click “Upgrade” button to confirm the upgrade. The system will reboot automatically after upgrade.



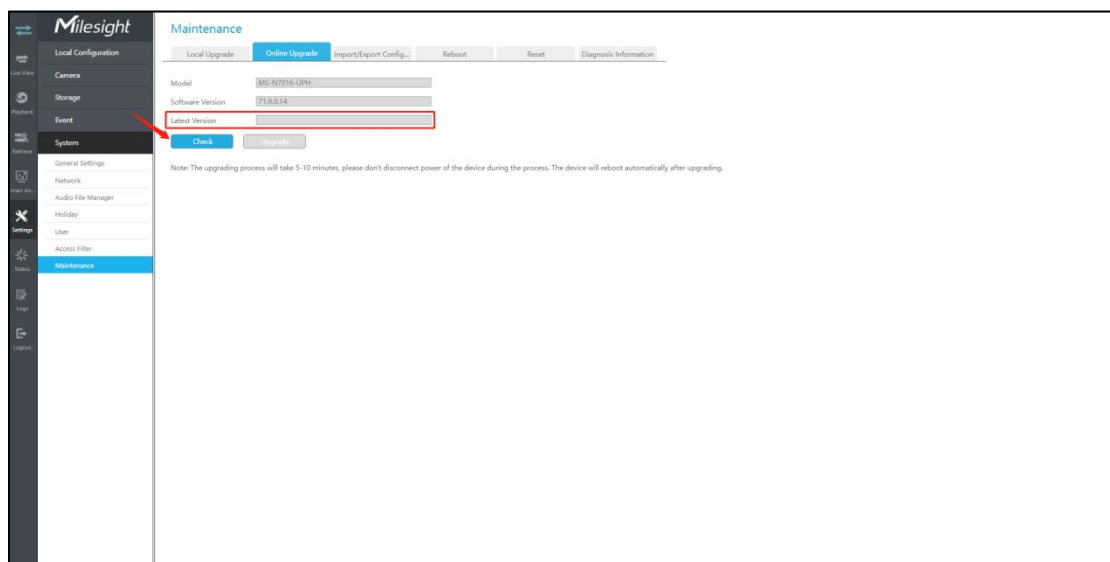


## ② Online Upgrade via Web Page

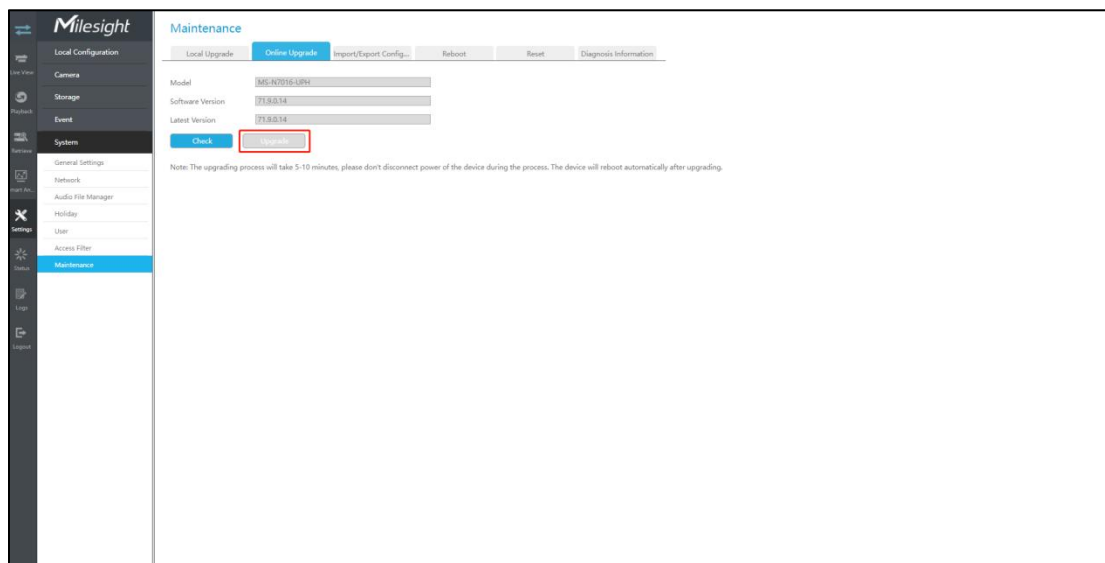
**Step1.** Enter upgrade menu by clicking Settings -> System -> Maintenance -> Online Upgrade;

**Step2.** Click “Check” to confirm whether there is a new version;

If there is a new version, the Latest Version column will display corresponding information.



**Step3.** Click “Upgrade” button to confirm the upgrade. The system will reboot automatically after upgrade.

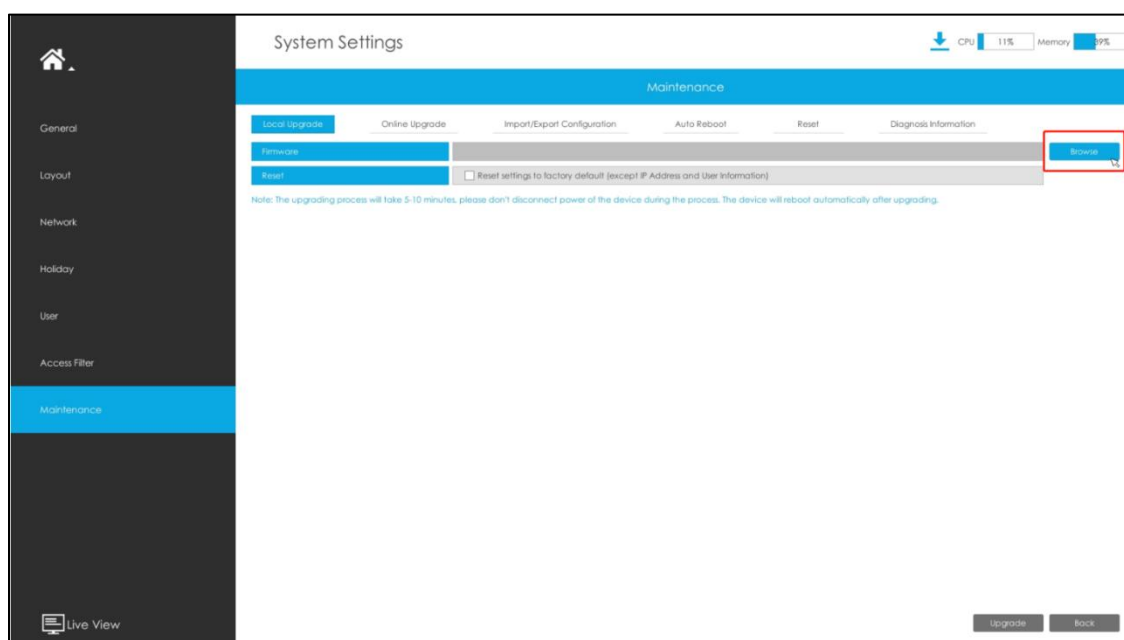


## 4.2 Local Upgrade

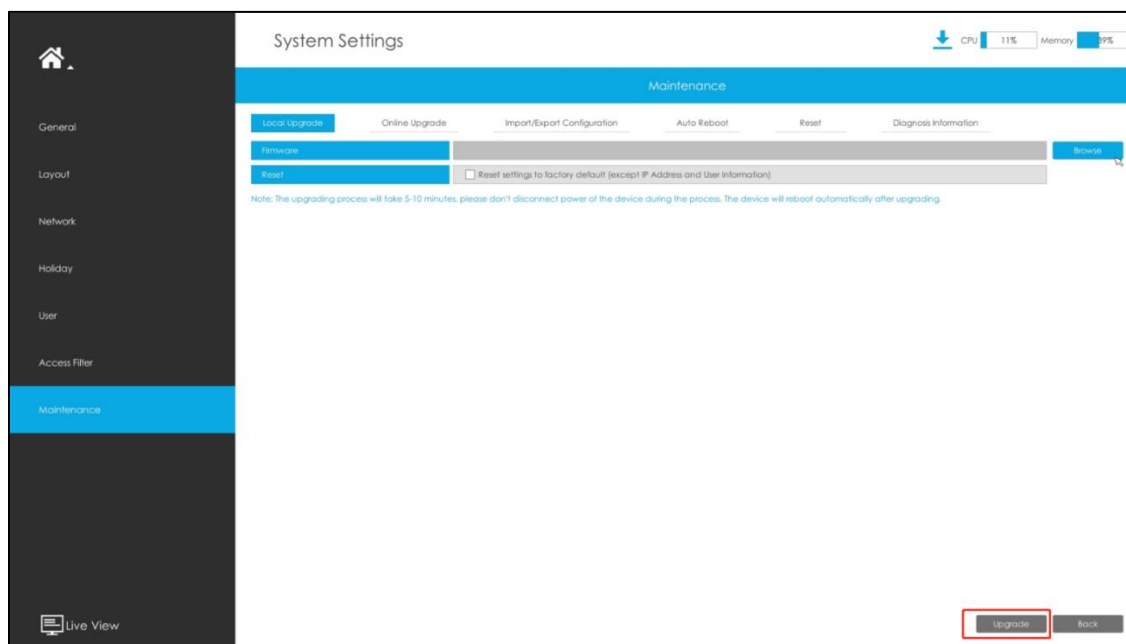
### ① Local Upgrade via Monitor

**Step1.** Enter the upgrade menu by clicking Main Menu -> Settings -> Maintenance -> Local Upgrade;

**Step2.** Click “Browse” and select corresponding firmware you downloaded in your USB;



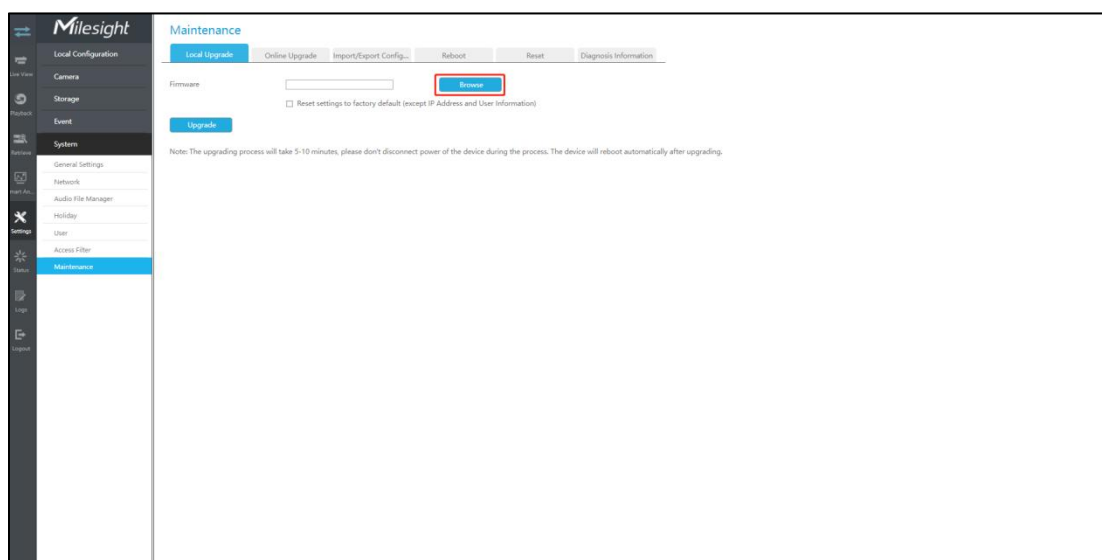
**Step3.** Click “Upgrade” button to confirm the upgrade. The system will reboot automatically after upgrade.



## ② Local Upgrade via Web Page

**Step1.** Enter upgrade menu by clicking Settings -> System -> Maintenance -> Local Upgrade;

**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. The system will reboot automatically after upgrade.

