



Milesight\_Release\_Note\_For\_NVR\_7X.9.0.8

**Firmware Version:** 7X.9.0.8

**Release Date:** 20<sup>th</sup> April, 2020

## 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.9.0.8 of Milesight NVR.

In this version, Milesight NVR achieves many brand new functions such as **realizing upgrading Milesight camera and NVR online, viewing thumbnails of the corresponding time points on the playback bar** on monitor and **supporting dual monitor display for NVR 7000 Series**, etc.

Besides, there are many user-friendly features waiting to be explored. For example, locked icon and tagged icon can be displayed on the playback bar on monitor and the speed of mouse on monitor can be adjusted. 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	<b>71.9.0.8</b>	<a href="https://drive.google.com/open?id=1Zv_Khs0XtJkwISiWGFZHIDILKsuUDKgv">https://drive.google.com/open?id=1Zv_Khs0XtJkwISiWGFZHIDILKsuUDKgv</a>
MS-N1009-UT/MS-N1009-UNT/ MS-N5008-UT/MS-N5016-UT/ MS-N1009-UPT/MS-N5008-UPT/ MS-N5016-UPT	<b>72.9.0.8</b>	<a href="https://drive.google.com/open?id=1sxmYRqrRkyfZdITJhfkWAUNY7sSzzWlv">https://drive.google.com/open?id=1sxmYRqrRkyfZdITJhfkWAUNY7sSzzWlv</a>
MS-N1004-UC/MS-N1004-UPC	<b>73.9.0.8</b>	<a href="https://drive.google.com/open?id=18LBG8V3jzsn-dp7zVs9zhqTvAn2ExISg">https://drive.google.com/open?id=18LBG8V3jzsn-dp7zVs9zhqTvAn2ExISg</a>

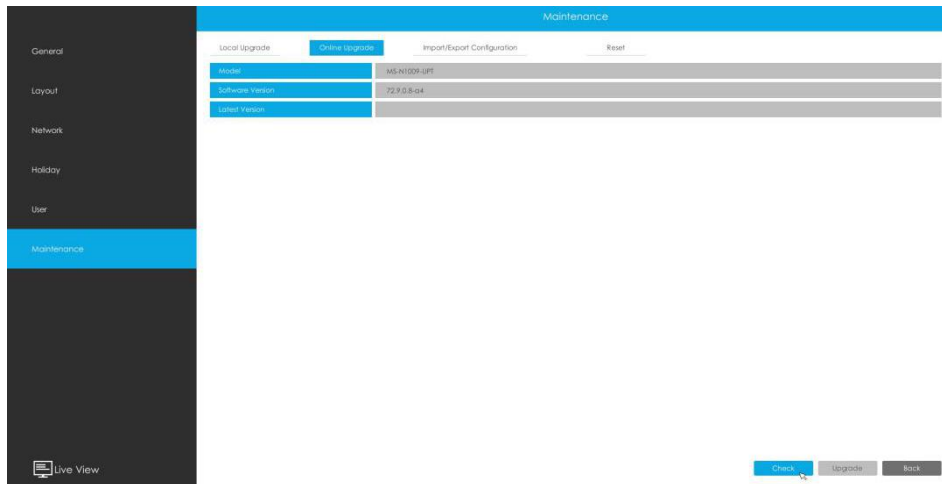
### Note:

- 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 71.9.0.8 for example, the NVR's main version is 9 and its sub version is 8.

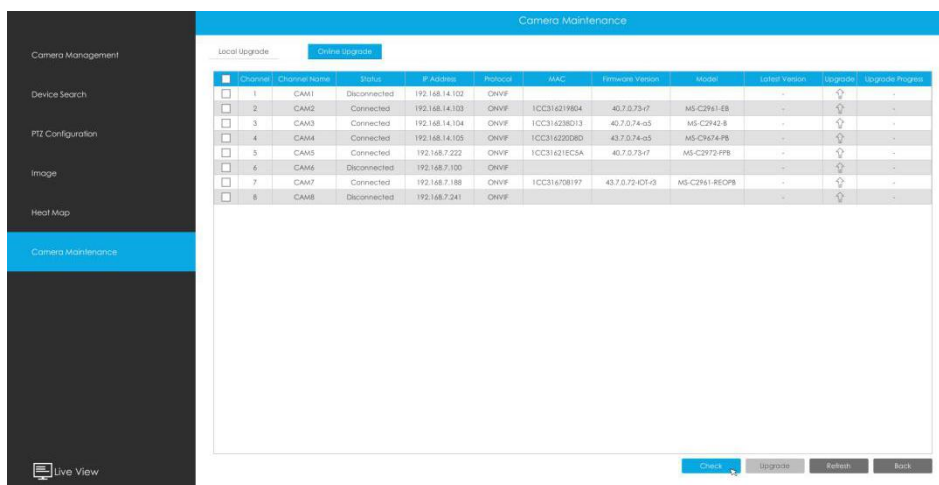
### 3.What's new

#### 3.1 New Features

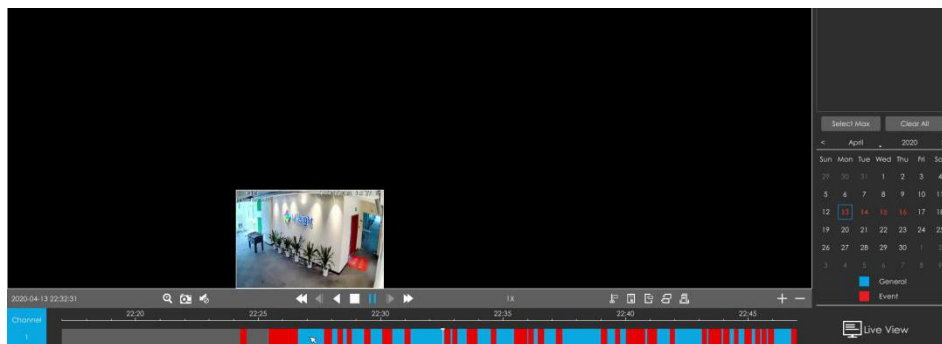
- (1) Support **Online Upgrade function for Milesight NVR**. One click to check the information of the latest version, one step to upgrade your device. You can find it in Settings -> Maintenance -> Online Upgrade.



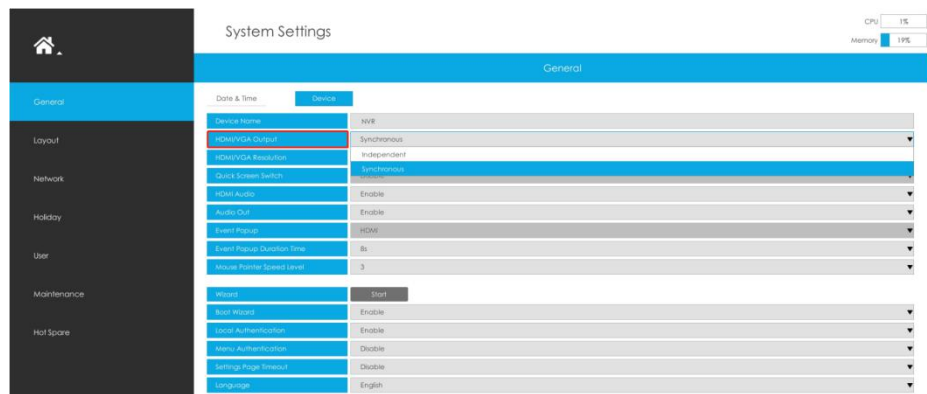
- (2) Support **Online Upgrade function for Milesight cameras**. One click to check the information of the latest version, one step to upgrade cameras on NVR directly. You can find it in Camera -> Camera Maintenance -> Online Upgrade.



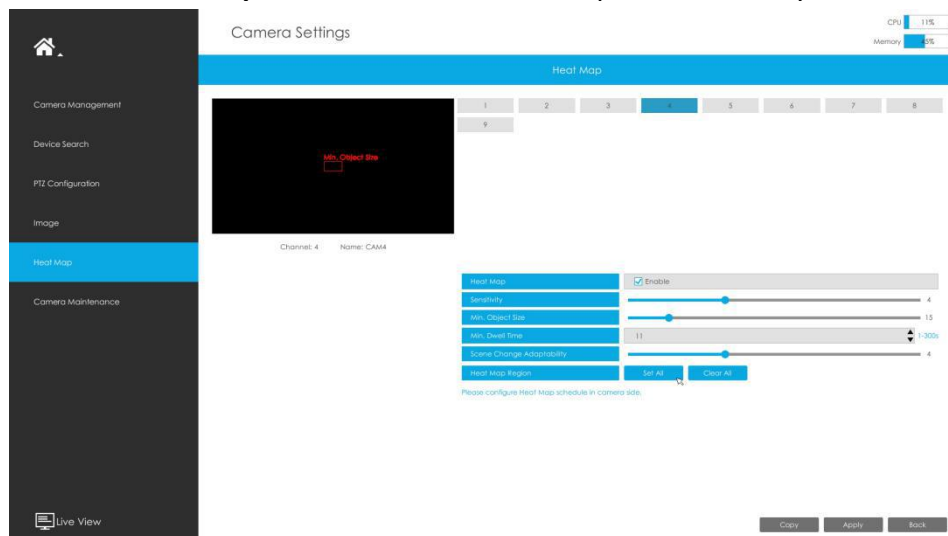
- (3) Support **viewing thumbnails of the corresponding time points on the playback bar on monitor**.



- (4) Support **dual monitor display for NVR 7000 Series** and you can choose whether these two outputs are independent or synchronous.



- (5) Support the configuration of the Heat Map function of Milesight cameras on NVR directly and you can **search and export** the results of Heat Map in Smart Analysis.

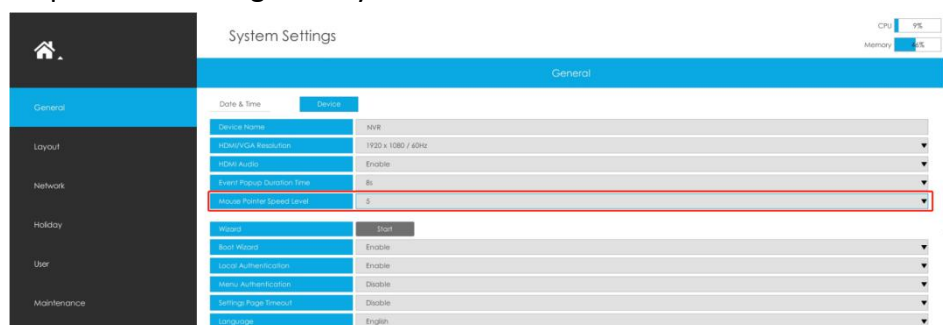


**Note:**

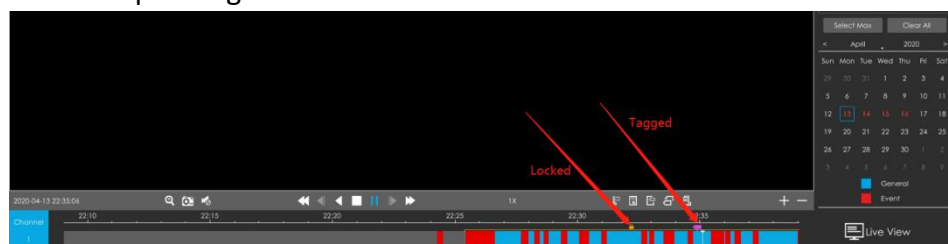
Ensure that your camera's version is 4X.7.0.74 or above.

Firmware download link: <https://www.milesight.com/support/download#firmware>

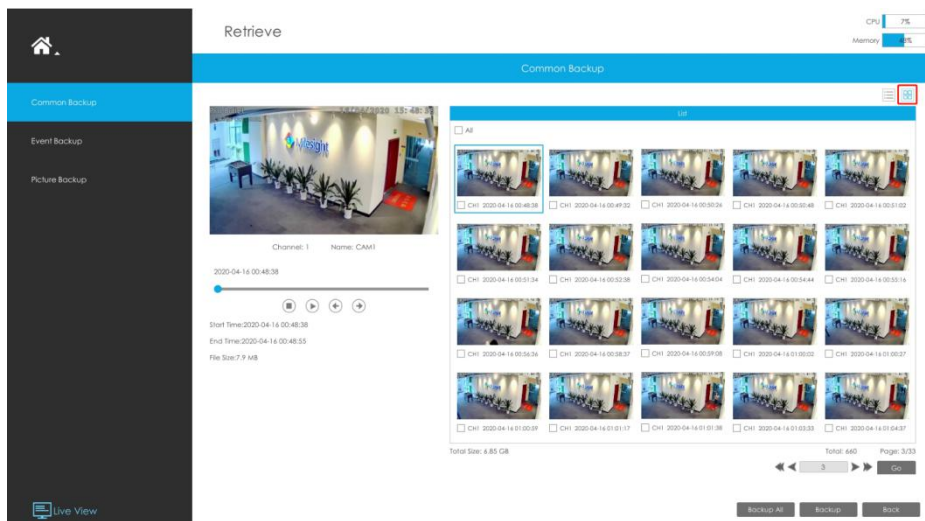
- (6) Support **adjusting the speed of mouse on monitor**. There are 5 levels which can be set. From 1 to 5, the speed increases gradually.



- (7) Support **the display of locked icon and tagged icon on the playback bar**, making it quicker to identify the corresponding files.



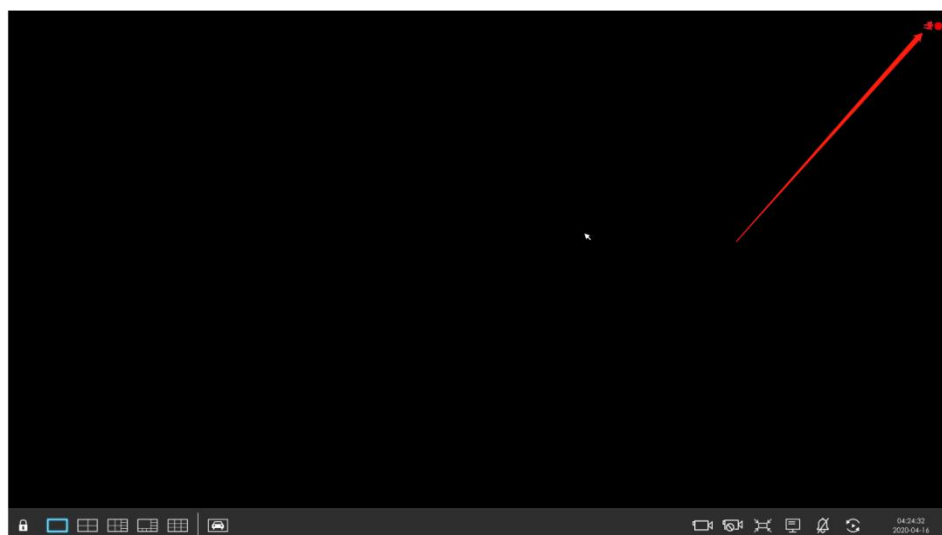
(8) Files searched out in the Retrieve page can be rendered as thumbnails, which is more intuitive.



(9) Support the Do Not Disturb function for actions triggered by alarm without changing the corresponding configurations, which is very useful in our daily monitoring.



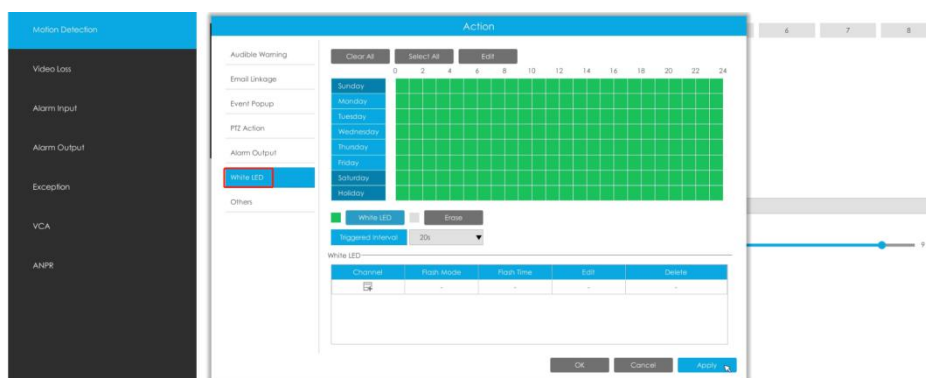
(10) The icons representing status such as motion detection can be shown on the sub screen of both NVR 8000 Series and NVR 7000 Series.



(11) Support adding offline cameras.

(12) Support video playback at 1/16 and 1/32 of the original speed on web.

(13) Support the configuration of White LED alarm action, improving the compatibility with Milesight cameras.



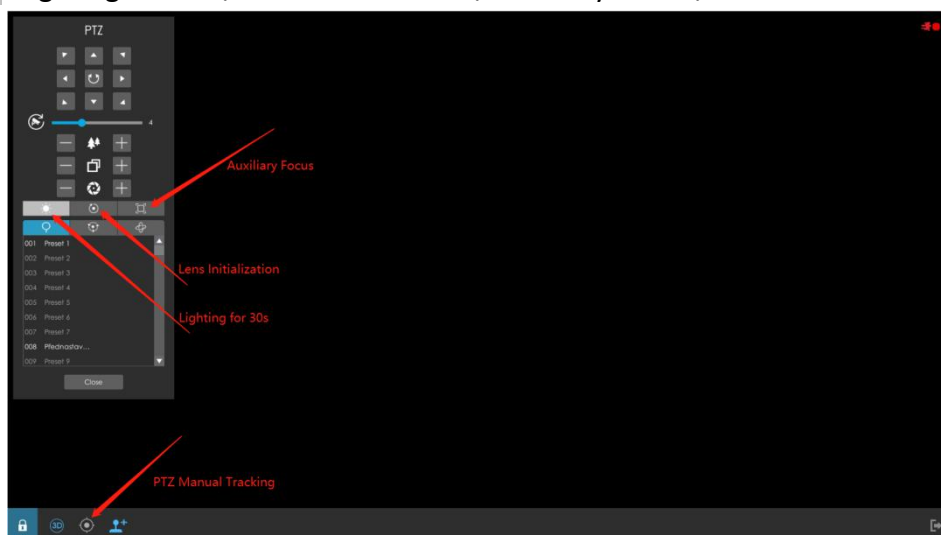
### Note:

Ensure that your camera's version is 4X.7.0.74 or above.

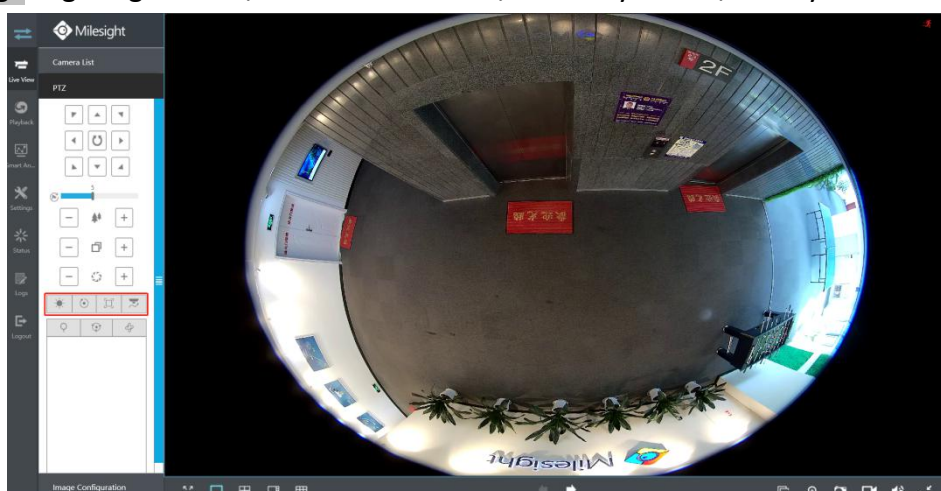
Firmware download link: <https://www.milesight.com/support/download#firmware>

- (14) Add several new functions to PTZ panel on both monitor and web page, achieving further control of cameras.

Monitor: Lighting for 30s / Lens Initialization / Auxiliary Focus / PTZ Manual Tracking



Web page: Lighting for 30s / Lens Initialization / Auxiliary Focus / Fisheye Auto Tracking



### Note:

Ensure that your camera's version is 4X.7.0.74 or above.

Firmware download link: <https://www.milesight.com/support/download#firmware>

### 3.2 Optimizations

- (1) The original view will be restored when Event Popup is finished.
- (2) Achieve manual real-time snapshot in both Live View and Playback page.

**Note:**

Ensure that your NVR's model is one of the following:

MS-N1004-U(P)C / MS-N7016-U(P)H / MS-N7032-U(P)H / MS-N8032-UH / MS-N8064-UH

- (3) Optimize the configuration of Event Action so that you can set Triggered Interval as required.
- (4) Realize the compatibility with the audio formats G.722 and G.726.
- (5) The length of domain name is no longer limited when adding devices via DDNS.
- (6) The HDMI Audio of MS-N1004-U(P)C can be enabled.

## 4. Upgrade steps

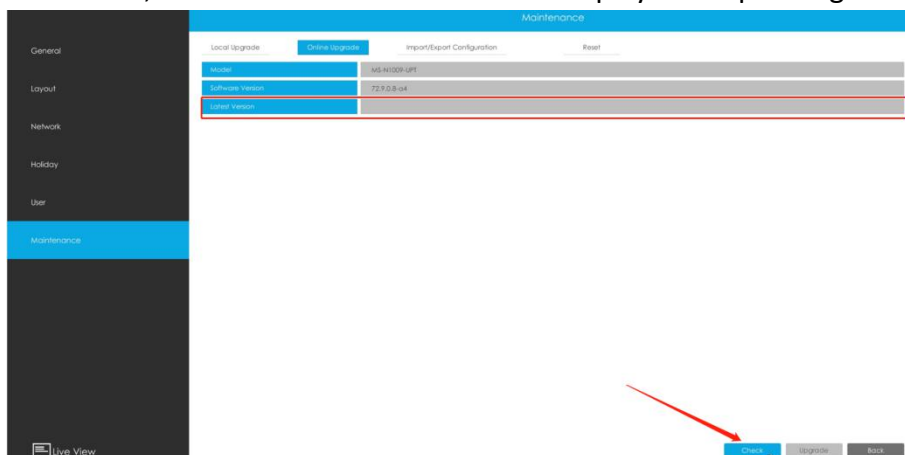
### 4.1 Online Upgrade

#### ① Online Upgrade via Monitor

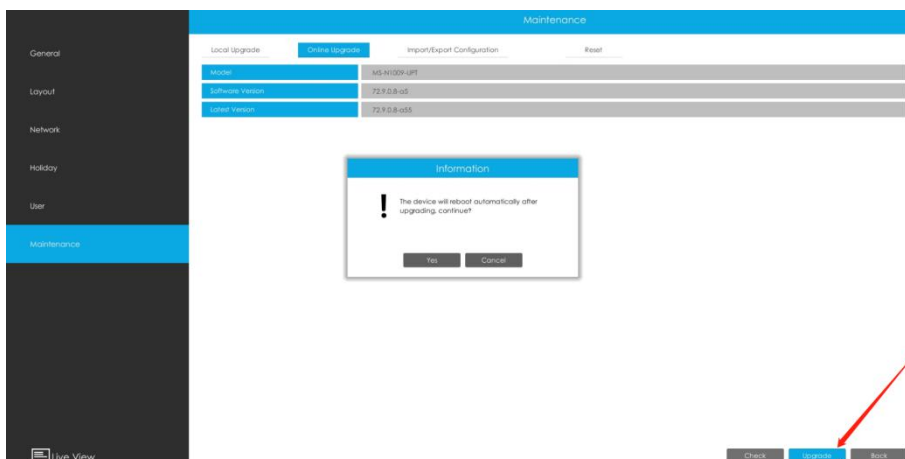
**Step1.** Enter the upgrade menu by clicking Main Menu -> Settings -> Maintenance -> Online Upgrade;

**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.



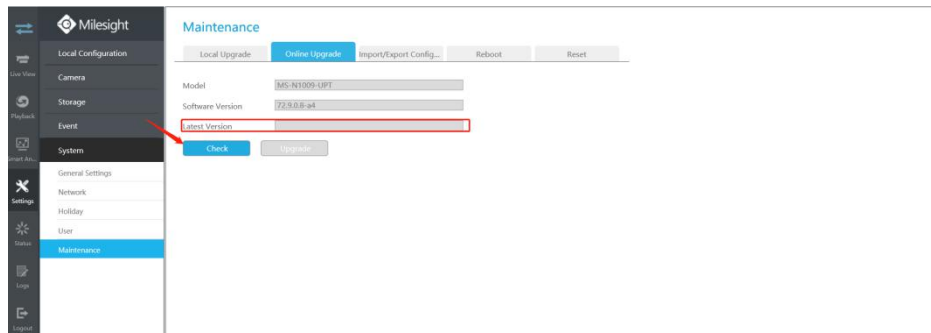


## ② Online Upgrade via Web Page

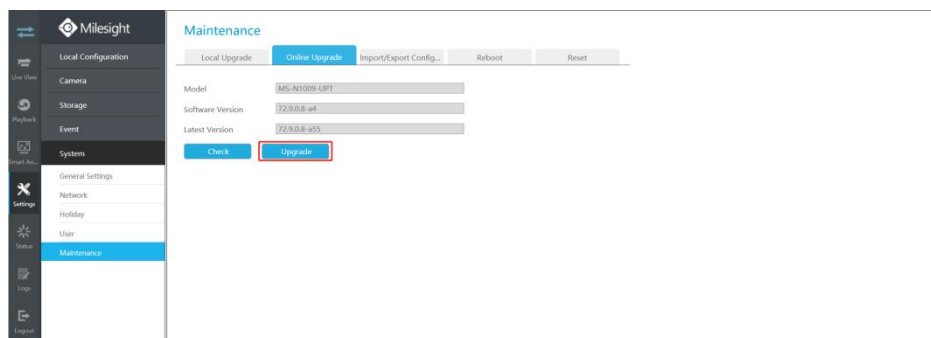
**Step1.** Enter upgrade menu by clicking Settings -> System -> Maintenance -> Online Upgrade;

**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.

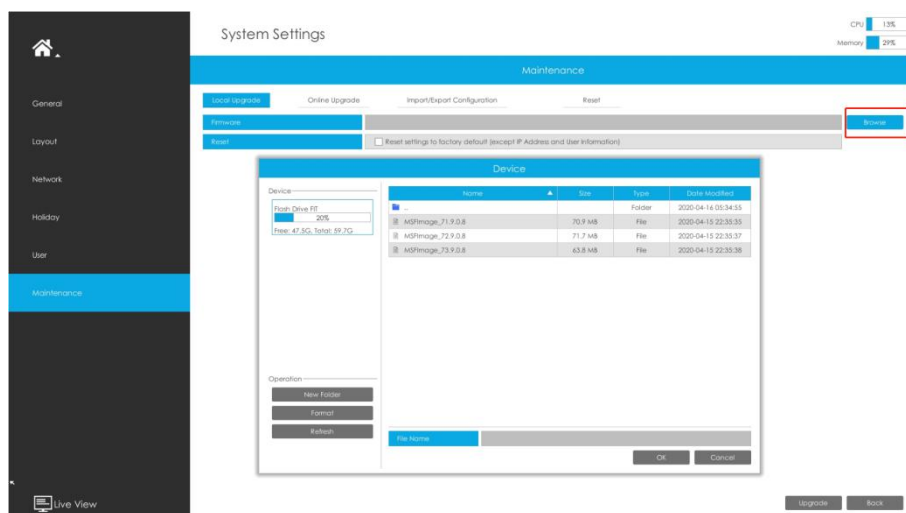


## 4.2 Local Upgrade

### ① Local Upgrade via Monitor

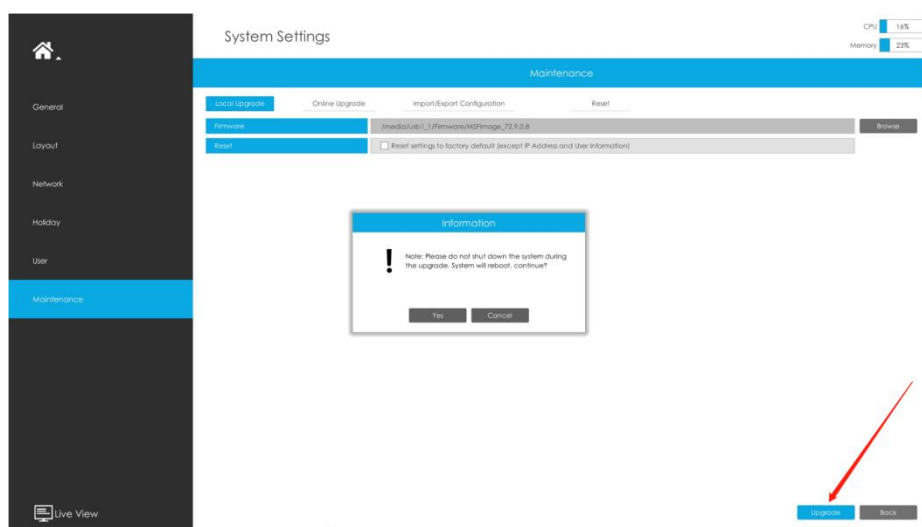
**Step1.** Enter the upgrade menu by clicking Main Menu -> Settings -> Maintenance -> Local Upgrade;

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





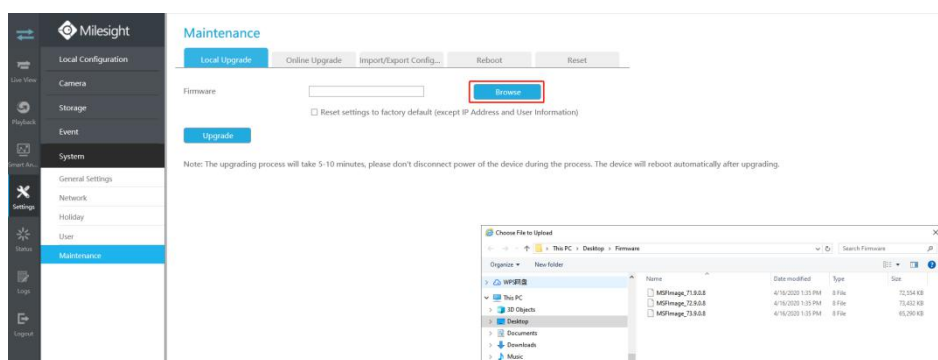
**Step3.** Click “Upgrade” button to confirm the upgrade. The system will reboot automatically after upgrade.



## 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.

