



Milesight\_Release\_Note\_For\_Camera\_XX.6.0.51

Firmware Version: XX.6.0.51

Applicable Model: MS-CXXXX-A/MS-CXXXX-B

Release Date: 29th August, 2016

Milesight Technology Co.,Ltd.

## 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 (XX.6.0.51) of the Milesight Camera. This updated release includes the improvements and bug fixes.

## 2.Firmware link

Firmware	Applicable Model	URL
30.6.0.51	MS-CXXXX-XXA	<a href="https://drive.google.com/open?id=0B19eK6xppbL0SXFEWW1FZjhHSIk">https://drive.google.com/open?id=0B19eK6xppbL0SXFEWW1FZjhHSIk</a>
40.6.0.51	MS-CXXXX-XXB	<a href="https://drive.google.com/open?id=0B19eK6xppbL0OGxGemZJMmxvaEU">https://drive.google.com/open?id=0B19eK6xppbL0OGxGemZJMmxvaEU</a>

### Note:

(1) This firmware version is suitable for those cameras with a mark "A" or "B" in the model name, for example MS-C3586-PA and MS-C2972-FPB.

(2) If you fail to get the upgrade firmware through clicking the link directly, please copy the link to browser manually.

## 3.Upgrade Steps

Please check each model with right firmware version as mentioned above, then upgrade as the following steps:

**Step 1:** Go to the web of IP Camera, *Configuration -> Maintenance -> Upgrade Firmware*

**Step 2:** Browse and select files for the upgrade.

**Step 3:** Click the "Upgrade" button after it prompts with uploading file successfully, then please wait about 1-3 minutes. The upgrade will be done after the system reboots successfully.

**Step4:** Use Milesight Smart Tools to search out all cameras according to the MAC addresses, and then change their IP addresses into your local IP addresses.

Here is the link for Smart Tools:

[http://www.milesight.com/DownloadFile/Software/Smart\\_Tools/Milesight\\_Smart\\_Tools\\_Setup.zip](http://www.milesight.com/DownloadFile/Software/Smart_Tools/Milesight_Smart_Tools_Setup.zip)

**Notes :**

(1) For the new version, you need to re-install the ActiveX. During the installation, please close the browser, otherwise the ActiveX may not be installed correctly;

(2) Please clear the cookies and caches of the web browser after re-installing the ActiveX.

## **4.What's new**

### **4.1 Changes**

- 1) Improve the color performance and the image sharpness of H.265 Camera series under WDR mode;
- 2) Improve the image noise performance of 2MP and 3MP series of H.265 Camera;
- 3) Update Openssl to the latest version;
- 4) Improve the memory performance after enabling all the functions with the highest resolution(3MP) on 3MP H.265 Camera.

### **4.2 Bug Fixes**

- 1) Fix the problem that the error light did not work properly;
- 2) Fix the problem that the Frame Rate in recording was not matched with settings when choosing the Record Frame Type as "Key" and Video Codec as "H.265";
- 3) Fix the compatibility problem of Motion Detection and the connection with Sunell NVR;
- 4) Fix the problem that the frame could not reach to 30fps after changing settings of WDR on 4MP H.265 Camera.

### **4.3 New Features**

- 1) Support to enter the '#' on the DDNS host address;
- 2) Add Enhanced Mode for HLC to identify the car plate number. Higher level of HLC is, the better performance will achieve;

(The Enhanced Mode need work with Night Mode.)

<input type="radio"/> BLC <input type="radio"/> WDR <input checked="" type="radio"/> HLC	
High Light Compensation:	Enhanced Mode
HLC Level:	<input type="range"/>

3) Add 1080P to the Third stream on H.265 camera;

<span>Secondary Stream</span> <span style="border: 1px solid red;">Third Stream</span>	
Enable:	<input checked="" type="checkbox"/>
Video Codec:	H.264
Frame Size:	1920*1080
Maximum Frame Rate:	25 fps
Bit Rate:	2048 kbps
Bit Rate Control:	CBR
Profile:	Main
I-frame Interval:	50 frame(1-120)

4) Add ONVIF compatibility options for Motion Detection function , the Normal mode is used for most ONVIF devices while the Compatible mode for Exacq compatibility;

Motion Detection	Audio Alarm	External Input	Other Alarm	External Output				
Region Detection								
<table border="1"> <tr> <td>Enable Motion Detection:</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Onvif Motion ActiveCells Settings:</td> <td style="border: 1px solid red;">Normal Compatible</td> </tr> </table>					Enable Motion Detection:	<input checked="" type="checkbox"/>	Onvif Motion ActiveCells Settings:	Normal Compatible
Enable Motion Detection:	<input checked="" type="checkbox"/>							
Onvif Motion ActiveCells Settings:	Normal Compatible							

5) Update the CGI;

6) Add two timezones to synchronize with Milesight NVR:

**Set the System Time**

Time Zone:	-6 United States - Central Time
Daylight Saving Time:	-11 Samoa <b>-10 Cook Islands(Rarotonga)</b> -10 Tahiti
NTP Sync:	-10 United States - Hawaii-Aleutian -10 United States - Alaska-Aleutian -9 United States - Alaska Time -8 Canada (Vancouver, Whitehorse) -8 Mexico (Tijuana, Mexicali) -8 United States - Pacific Time -7 Canada (Edmonton, Calgary) -7 Mexico (Mazatlan, Chihuahua) -7 United States - Mountain Time -6 Canada - Manitoba (Winnipeg) -6 Chile (Easter Islands) -6 Mexico (Mexico City, Acapulco) <b>-6 United States - Central Time</b> -5 Bahamas (Nassau) -5 Canada (Montreal, Ottawa, Quebec) -5 Cuba (Havana) -5 United States - Eastern Time
<input type="radio"/> Synchronize with computer time	
Date:	
Time:	
<input type="radio"/> NTP server	
<input type="radio"/> Manual	

Save

7) Support the latest version of Avigilon Alarm function via ONVIF.