



## 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.7.0.60) of the Milesight Camera. This updated release includes the optimizations, bug fixes and new features.

## 2.Firmware link

| Firmware            | Applicable Model         | URL   |
|---------------------|--------------------------|---|
| 30.7.0.60           | MS-CXXXX-XX <sup>A</sup> | <a href="https://drive.google.com/open?id=0B8u2Oc2-fG-mOUFXa01OcUw1S3M">https://drive.google.com/open?id=0B8u2Oc2-fG-mOUFXa01OcUw1S3M</a> |
| 40.7.0.60/41.7.0.60 | MS-CXXXX-XX <sup>B</sup> | <a href="https://drive.google.com/open?id=0B8u2Oc2-fG-mckpkNXhsYIRuV2c">https://drive.google.com/open?id=0B8u2Oc2-fG-mckpkNXhsYIRuV2c</a> |
| 42.7.0.60           | MS-C8262-F(I)PB          | <a href="https://drive.google.com/open?id=0B8u2Oc2-fG-mWjFKdF9jNFp4eGM">https://drive.google.com/open?id=0B8u2Oc2-fG-mWjFKdF9jNFp4eGM</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 failed 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 page 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 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. Please close the browser during installation. 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 New Features

- 1) Integrate the new interface, Smart Event, Speed Dome and other network camera series.
- 2) Support to transmit stream via HTTP.
- 3) Support PTZ Motion and White LED for Smart Event, and support to configure Proportional Zoom Times on PTZ Motion.

Advanced Settings >> Smart Event

Region Entrance Region Exiting **Advanced Motion Detection** Tamper Detection Line Crossing Loitering Human Detection People Counting Settings

Upload Via FTP: ☐ File Format: **AVI**

Upload Via SMTP: ☐ File Format: **JPG**

External Output 1: ☐ (Please configure the Trigger Duration.)

External Output 2: ☐ (Please configure the Trigger Duration.)

Play Audio: ☐ (Please enable the Audio Speaker.)

Alarm to SIP Phone: ☐

HTTP Notification: ☐

PTZ Motion: ☐

**Alarm Setting**

Record Video Sections: **5 seconds**

Pre-record: **0 seconds**

Snapshot: **1**

Snapshot Interval: **1** second

Trigger Duration: **30 seconds**

Proportional Zoom Times: **2X**

PTZ Motion Recovery Time: **3 seconds**

4) Support to modify Font Color and Font Size of OSD.

5) Add Counting OSD to People Counting function.

Advanced Settings >> Smart Event

Region Entrance Region Exiting Advanced Motion Detection Tamper Detection Line Crossing Loitering Human Detection **People Counting** Settings

**Counting OSD**

Show Video Title: ☐

Font Size: **Small**

Font Color: **[Color Picker]**

Text Position: **Top-Left**

6) Support to configure 802.1x.

7) Add IR-CUT Latency to Day/Night Mode, it is to set the switch delay between Day Mode and Night Mode.

03/13/2017 17:15:16 Milesight

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PTZ: 5000000  
Trigger: 0.000000  
Resolution: 1280x720  
Video Codec: H.265  
Current Connection: 2

**Day/Night Mode**

| Day/Night Mode | Exposure Level | Minimum Shutter | Maximum Shutter | IR-CUT Latency | IR-CUT     | IR LED     | Color Mode   |
|----------------|----------------|-----------------|-----------------|----------------|------------|------------|--------------|
| Night Mode:    | <b>5</b>       | <b>1/30</b>     | <b>1/100000</b> | <b>2s</b>      | <b>Off</b> | <b>On</b>  | <b>B/W</b>   |
| Day Mode:      | <b>5</b>       | <b>1/30</b>     | <b>1/100000</b> | <b>2s</b>      | <b>On</b>  | <b>Off</b> | <b>Color</b> |

8) Support to configure Corridor Mode and Image Rotation separately.

Display Enhancement Day/Night Mode OSD Privacy Mask ROI



Power Line Frequency: 60Hz

Day/Night Mode: Day Mode

Smart IR Mode: Customize

Near View Level: 100

Middle View Level: 50

Far View Level: 100

IR Strength Value: Near: 0 Mid: 0 Far: 0

Outdoor/Indoor Mode: Indoor

Corridor Mode: OFF

Image Rotation: Flip Vertical

Save

9) Add Minimum Shutter and Maximum Shutter to Day/Night Mode.

10) Add an Anti-flicker bar to WDR function.

☒ Single Mode ☐ Schedule Mode

☐ BLC ☒ WDR ☐ HLC

Wide Dynamic Range: On

Wide Dynamic Level: Low

Anti-flicker Level: 0

Save

## 4.2 Optimizations

- 1) Improve the image quality of the 5MP Network Camera Series.
- 2) Improve the image quality of the 4K Network Camera.
- 3) Optimize other functions.

## 4.3 Bug Fixes

- 1) Fix the problem about false positive alarm by White LED.
- 2) Improve the accuracy of Smart Event when the image rotates.
- 3) Fix other bugs.

