

Milesight Release Note for Network Camera

Firmware Version: 63.8.0.6-r3

Applicable Model: MS-Cxxxx-xxxxPG1 of Pro Series & Dual Sensor Model

Release Date: 29th October 2026

1. Overview

Milesight offers a variety of sensor products designed to capture valuable data. By applying AI, 5G, and IoT technologies, Milesight brings significant impact to various applications. Milesight manufactures products with exceptional image quality, unparalleled flexibility, and reliability for the global market. Milesight releases of the new firmware version 63.8.0.6-r3 for Cameras.

2. Firmware Version Download

Click the following link to download the latest version:

Firmware Download|The Latest Innovation|Milesight

3. What's New

3.1 New Features

(1) Smart IR Intelligent Illumination

Smart IR now supports a new Smart Mode, which automatically adjusts infrared illumination intensity based on current image exposure conditions for better adaptation to actual scenes.

Note: This feature is only available for the Pro Series.



Smart Mode Off *Smart Mode On*

(2) Face Image Enhancement

A Face Image Enhancement option has been added to the Face Detection related

configurations. When enabled, the device intelligently adjusts exposure based on face detection results, improving face imaging quality.

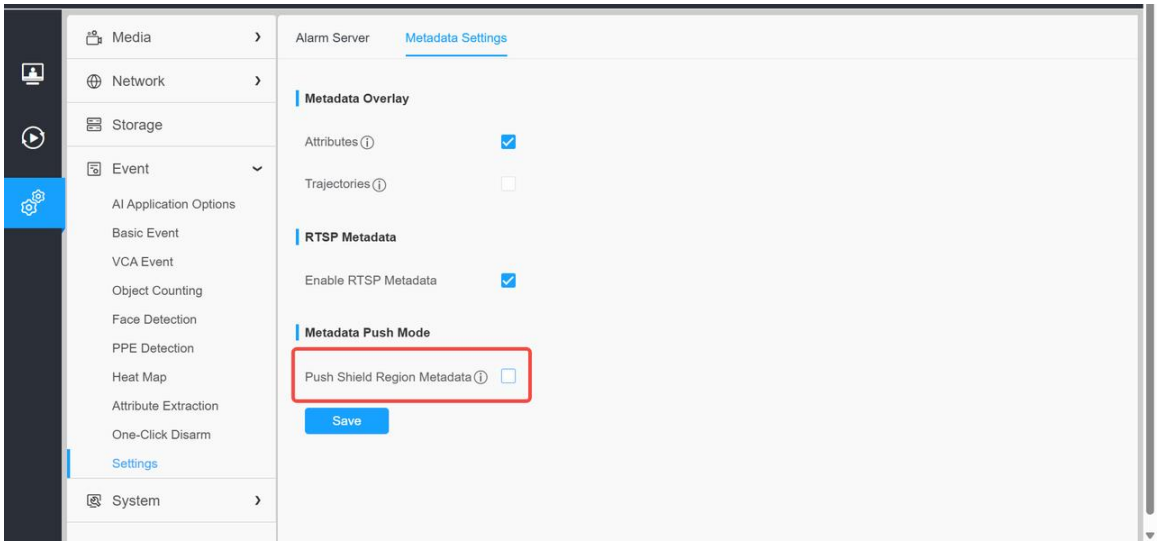
Note: This feature is only available for the Pro Series.



Face Image Enhancement Off *Face Image Enhancement On*

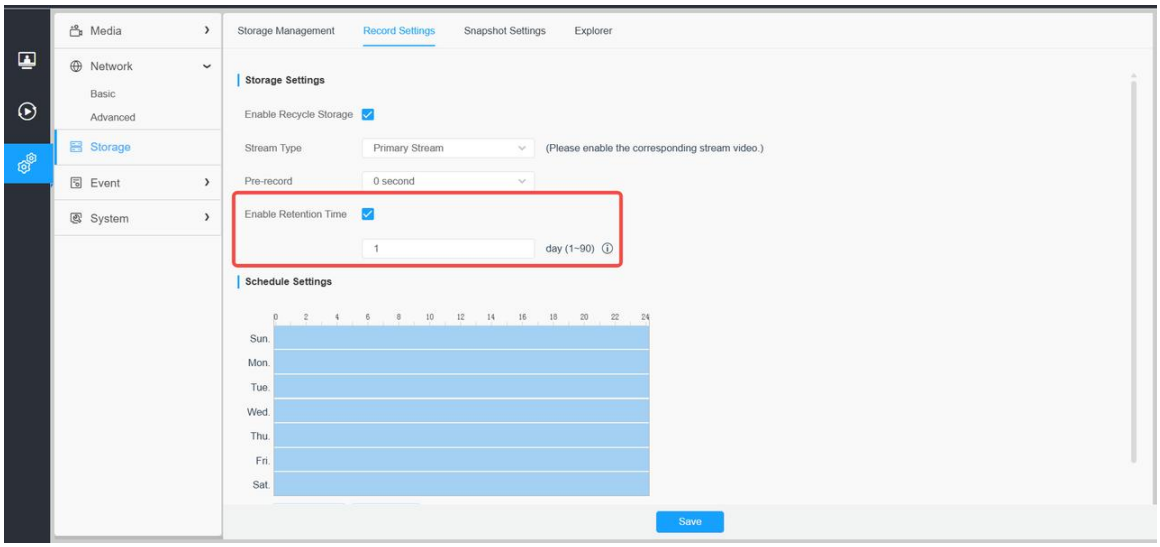
(3) Push Shield Region Metadata Control

A new Push Shield Region Metadata configuration item has been added to control whether to push the coordinates and attribute information of targets within shielded regions to the backend VMS via RTSP.



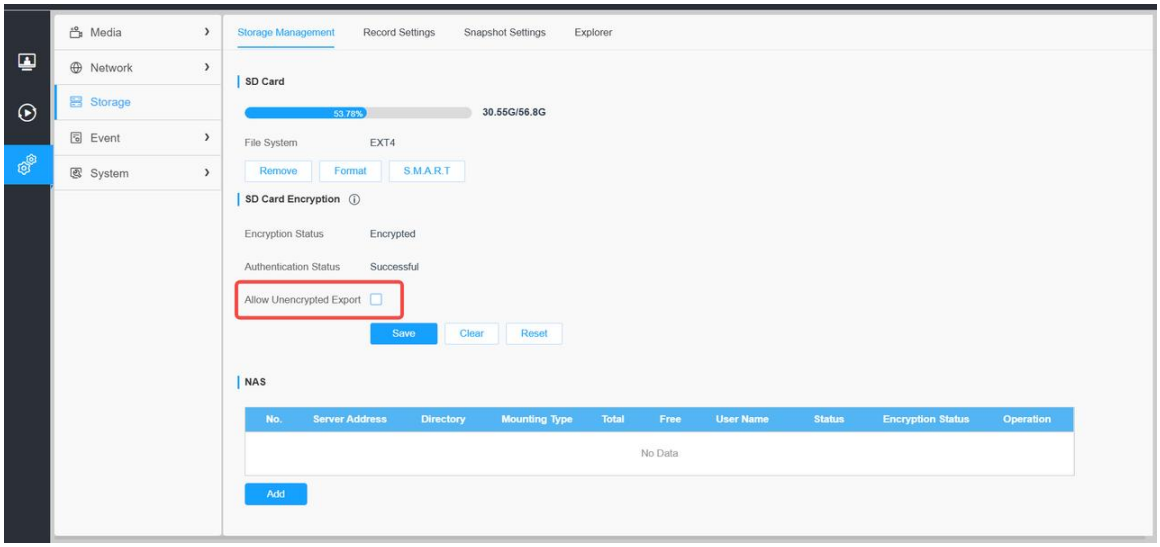
(4) SD Card Recording Retention Time

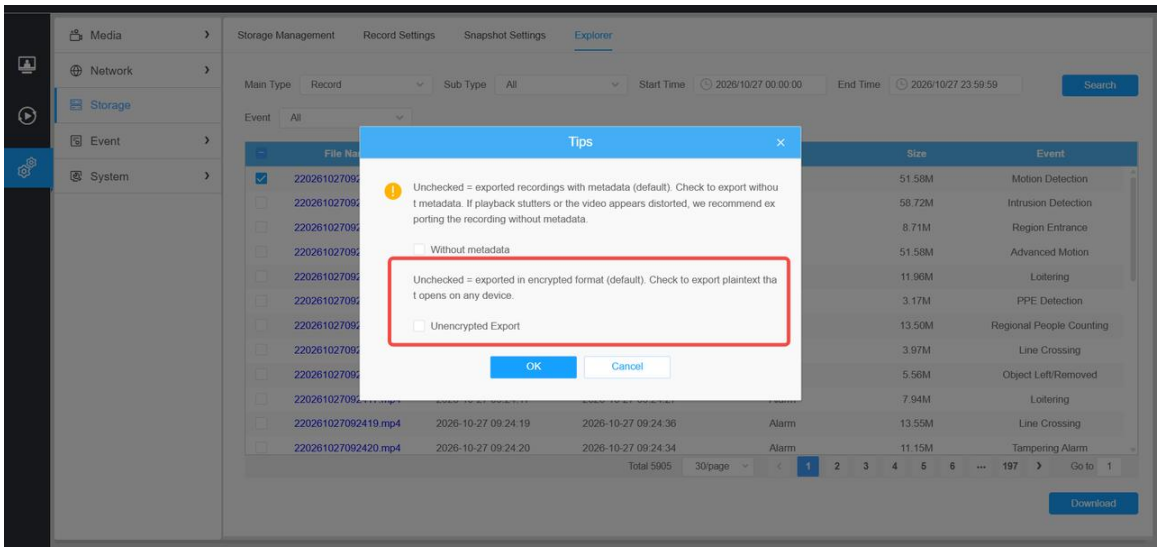
A Retention Time option has been added to the Storage Recording Settings, supporting the configuration of a recording retention period of 1 to 90 days. When enabled, the device automatically cleans up recordings that exceed the retention period.



(5) SD Card Recording Unencrypted Export

The “Allow Unencrypted Export” option has been added to Storage Management, enabling users to temporarily export unencrypted recordings as needed and providing unified control over export permissions. During recording export operations in Explorer and Playback, users can select unencrypted export based on their requirements.





3.2 Optimizations

(1) Upgraded VCA algorithm with enhanced animal filter to reduce false alarms from common animals (cats, dogs, raccoons, deer, coyotes, foxes).

Note: This optimization applies to the Dual Sensor Model, aligning it with the Pro series.

(2) Upgraded sensor in Pro series.

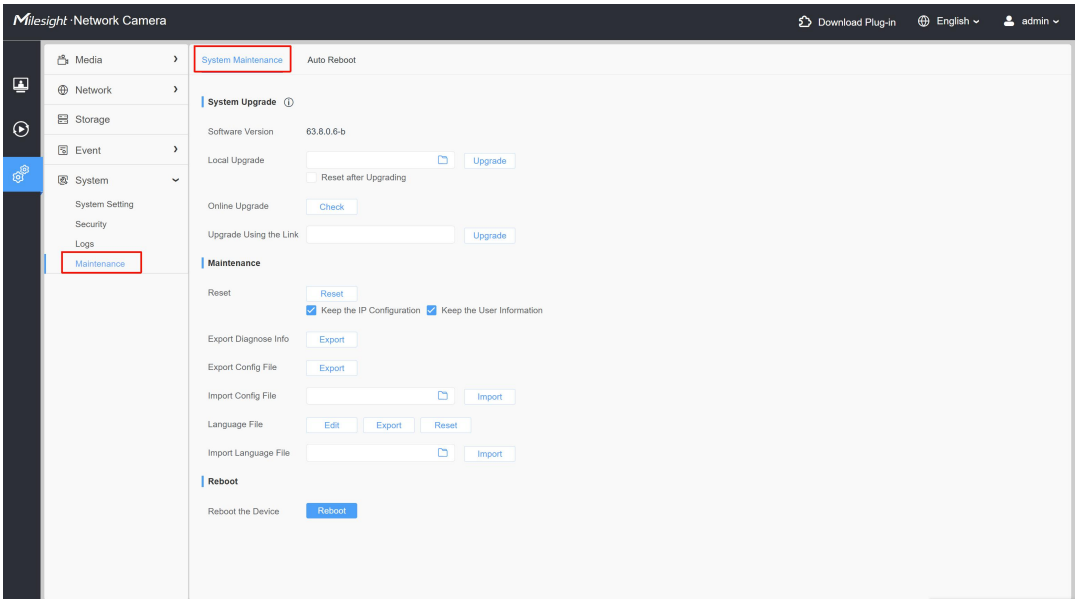
(3) Hungarian, Japanese, and French interface translations have been updated.

4. Upgrade Steps

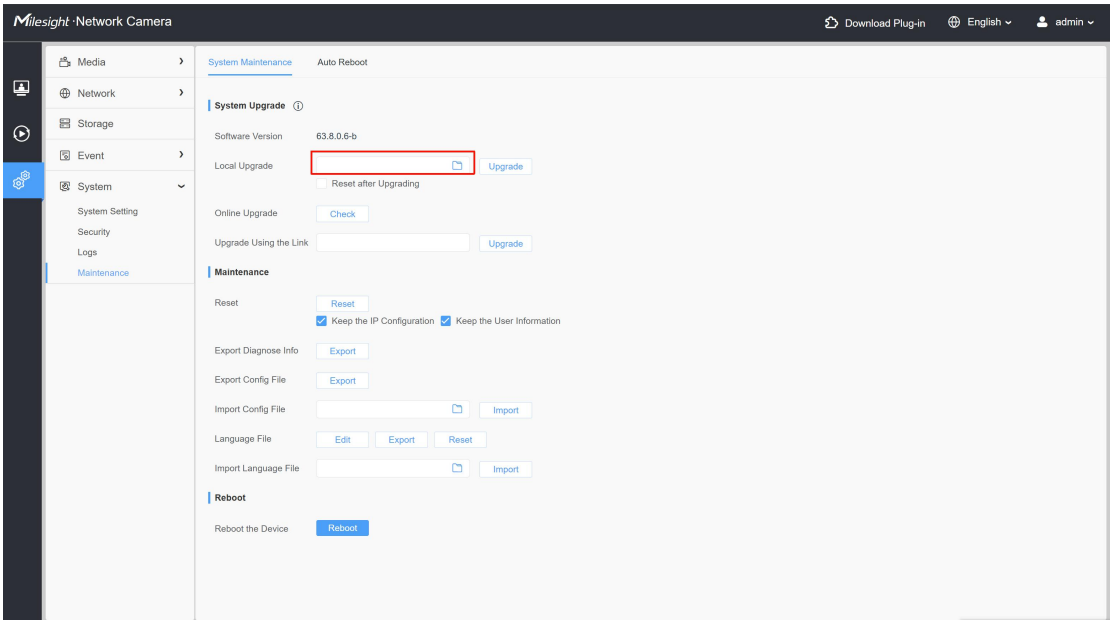
Two upgrade methods are available for updating each model to the corresponding firmware version.

4.1 Local Upgrade

Step 1: Access the web page of your Milesight network camera and choose "Configuration" -> "Maintenance" -> "System Maintenance".

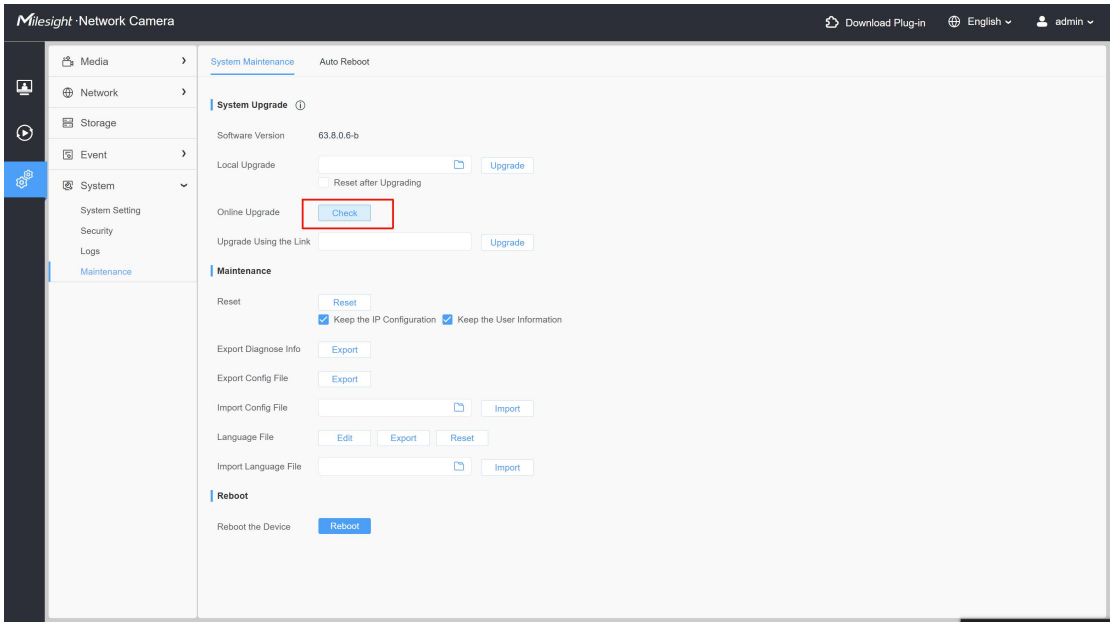


Step 2: Choose a file for the upgrade. Click "Upgrade" in the row of “Local Upgrade” and wait about 1 to 3 minutes. The upgrade will be done after the system reboots successfully.

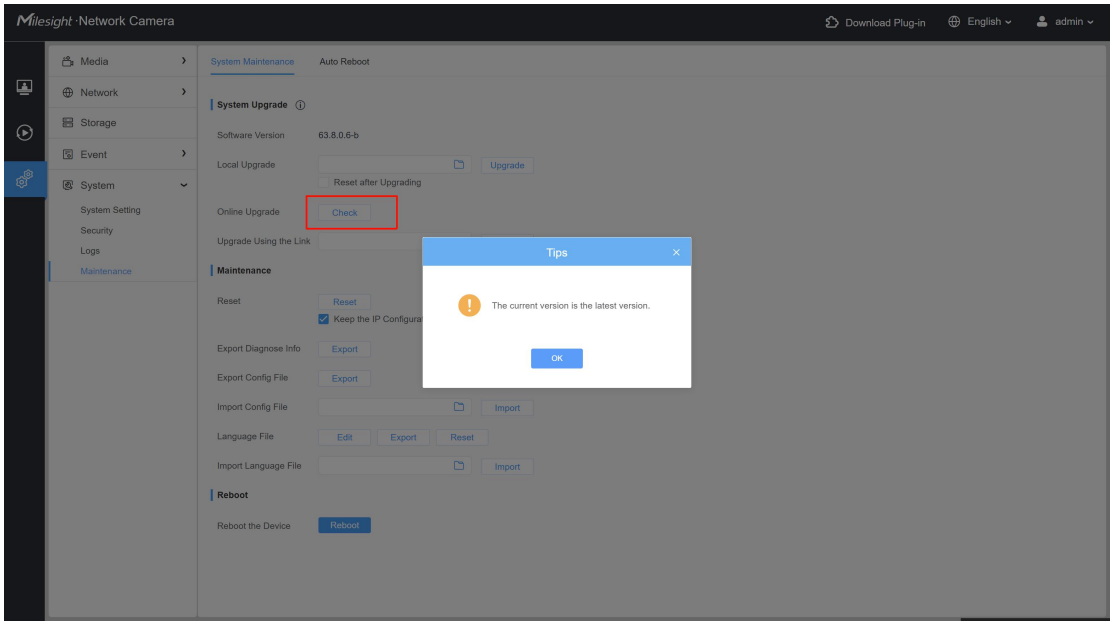


4.2 Online Upgrade

Step 1: Click “Check” in the row of “Online Upgrade” to verify if the version is the latest one.



Step 2: If yes, click "OK" in the displayed box. If not, click "OK" to upgrade to the latest version.



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