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## How to Upgrade CAM6181 Firmware

Application Notes

Version <1.0>



Technical Support Team

## 1 Preface

This document will instruct user to upgrade CAM6181 firmware. In general, the CAM6181 will have below upgrading files:

- Main file
- Switch board file
- Software file

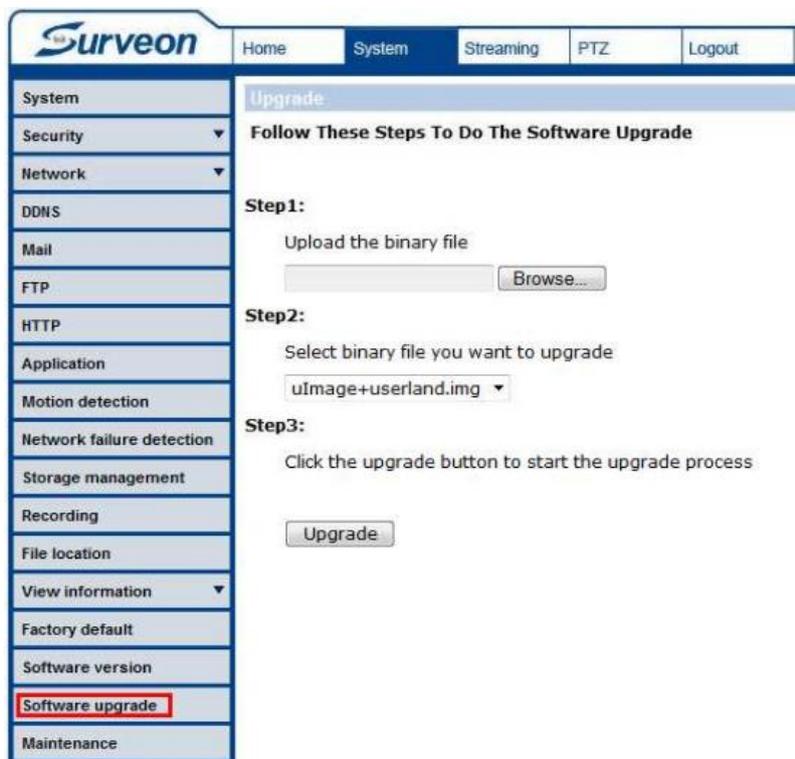
The CAM6181 need to hardware reset during upgrade process then camera IP address will return to **192.168.0.250**. To prevent IP collision we recommend upgrade one camera at one time if user has multiple CAM6181.

If you found the main file and switch board file version is the same as currents, user only needs to upgrade software files.

## 2 Upgrade Software file

2.1 Access CAM6181 via IE6 or above version. The default IP address is 192.168.0.250.

2.2 Go to System/Software upgrade.



The screenshot shows the Surveon web interface. The top navigation bar includes 'Home', 'System', 'Streaming', 'PTZ', and 'Logout'. The left sidebar menu lists various system settings, with 'Software upgrade' highlighted in red. The main content area is titled 'Upgrade' and contains the following instructions:

**Follow These Steps To Do The Software Upgrade**

**Step1:**  
Upload the binary file

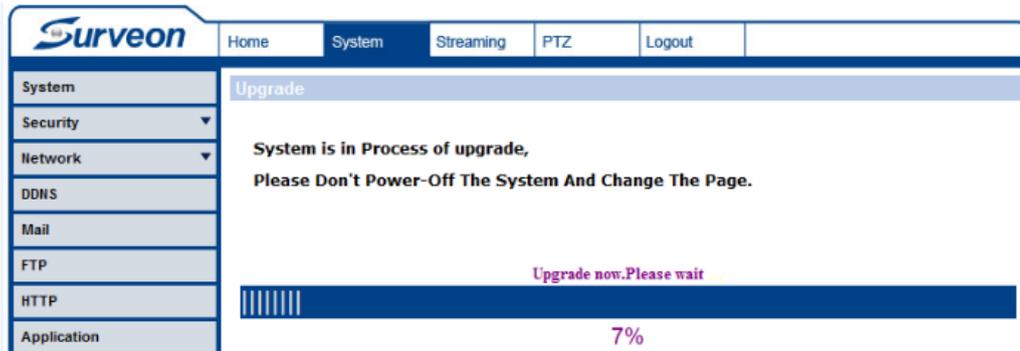
**Step2:**  
Select binary file you want to upgrade

**Step3:**  
Click the upgrade button to start the upgrade process

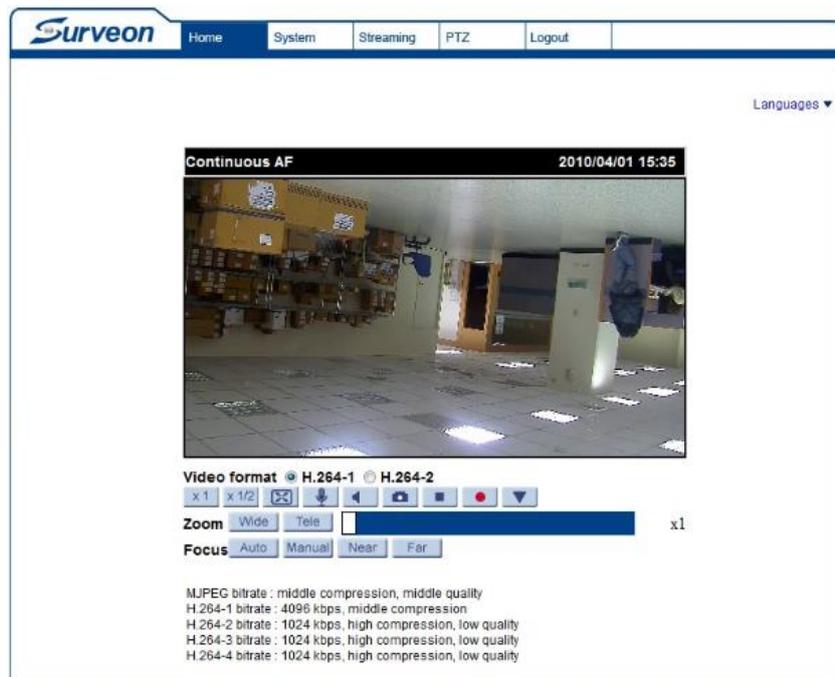
2.3 On **step 1**, click "Browse..." button and choose the firmware "**uImage\_userland**".

2.4 On **step 2**, choose “**ulmage + userland.img**”.

2.5 On **step 3**, click “Upgrade” button to start to upgrade.



2.6 After upgrade is finished, the panel will return to “**Home**”.



2.7 Press reset button for 5 second at the bottom of CAM6181 to reset camera to default.



2.8 Go to System/Software version.

2.9 Check the software version is changed to latest version.

### 3 Upgrade switch board file

3.1 Go to System/Software upgrade.

The screenshot shows the Surveon web interface. The navigation menu on the left includes: System, Security, Network, DDNS, Mail, FTP, HTTP, Application, Motion detection, Network failure detection, Storage management, Recording, File location, View information, Factory default, Software version, Software upgrade (highlighted with a red box), and Maintenance. The main content area is titled "Upgrade" and contains the following steps:

**Upgrade**

**Follow These Steps To Do The Software Upgrade**

**Step1:**  
Upload the binary file

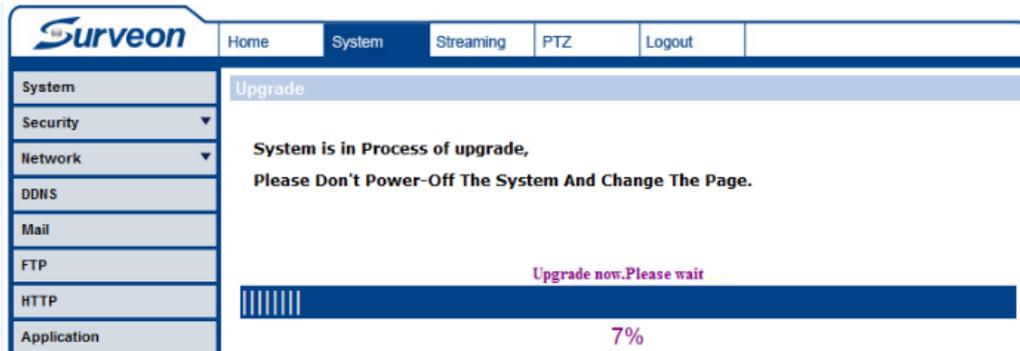
**Step2:**  
Select binary file you want to upgrade  
uImage+userland.img ▾

**Step3:**  
Click the upgrade button to start the upgrade process

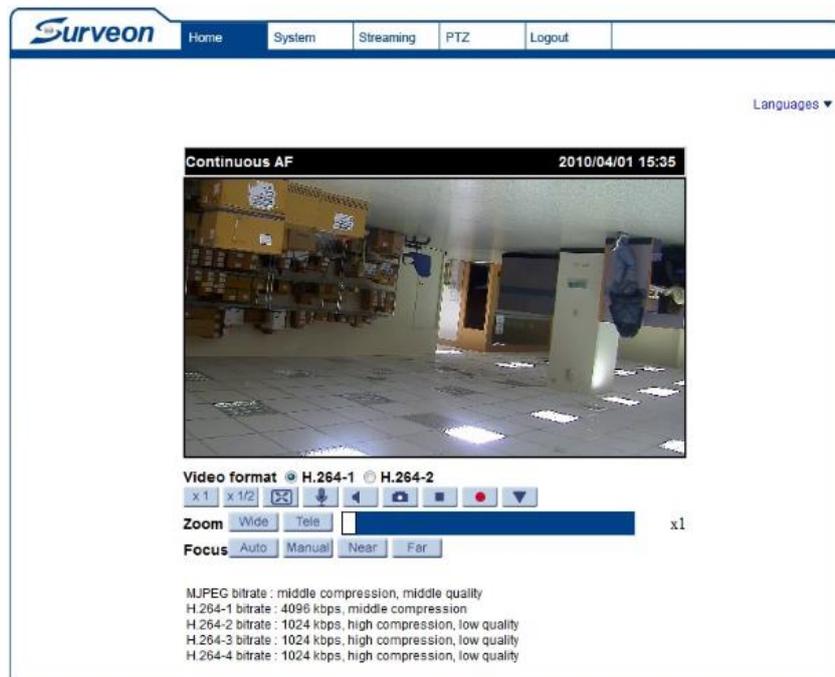
3.2 On **step 1**, click "Browse..." button and choose the switch firmware file.

3.3 On **step 2**, choose “**switch.bin**”.

3.4 On **step 3**, click “Upgrade” button to start to upgrade.



3.5 After upgrade is finished, the panel will return to “**Home**”.

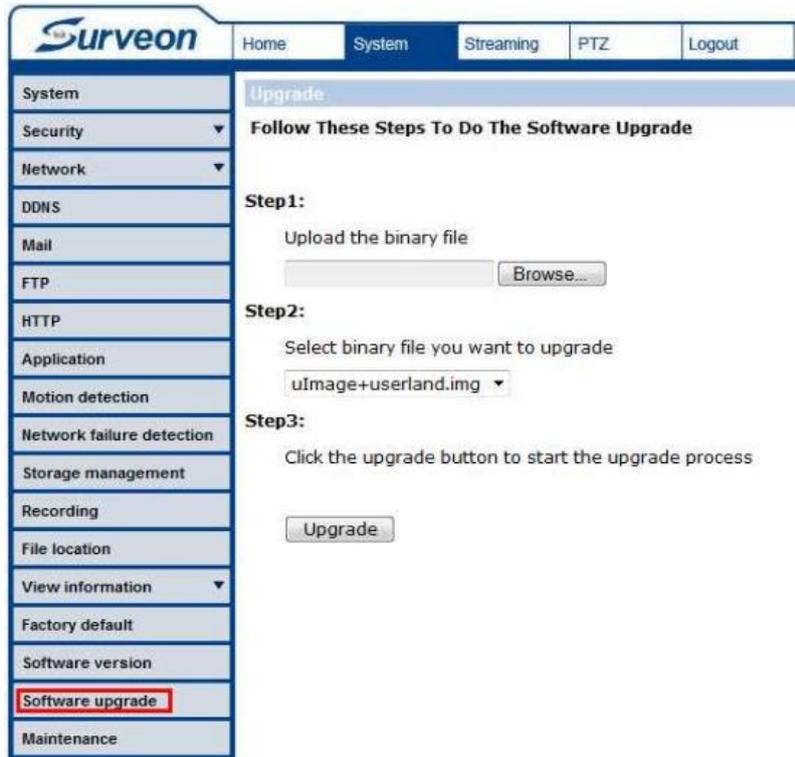


3.6 Go to System/Software version.

3.7 Check the switch version is changed to latest version.

## 4 Upgrade main file

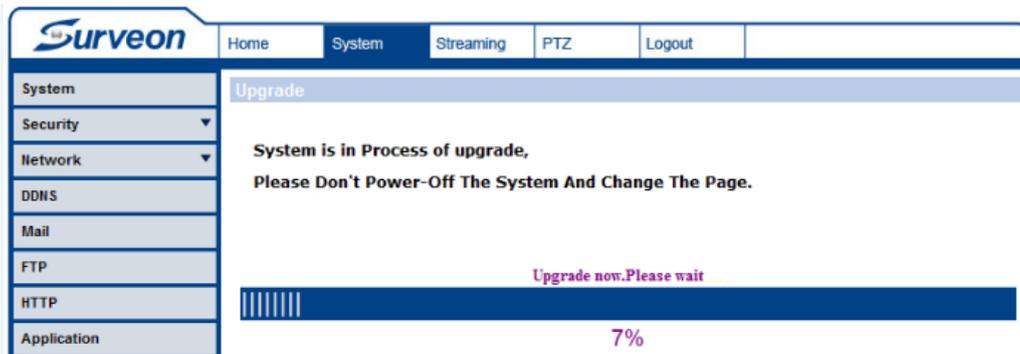
4.1 Go to System/Software upgrade.



4.2 On **step 1**, click “Browse...” button and choose main firmware file.

4.3 On **step 2**, choose “main.bin”.

4.4 On **step 3**, click “Upgrade” button to start to upgrade.



4.5 After upgrade is finished, the panel will return to “Home”.

