

GIPC-B6102.26.45.220623

## Release Notes

Zhejiang Uniview Technologies Co., Ltd

## GIPC-B6102.26.45.220623 Release Notes

**Keywords:** Version information, version upgrade

**Abstract:** This document provides detailed version information and upgrade procedure for GIPC-B6102.26.45.220623.

**Acronym:**

| Acronym | Full Name |
|---------|-----------|
| IPC     | IP Camera |

# Content

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# 1 Version Information

## 1.1 Version Number

GIPC-B6102.26.45.220623

## 1.2 Release History

Table1 Released versions

| Version No.             | Basic Version No.       | Released On | Remarks          |
|-------------------------|-------------------------|-------------|------------------|
| GIPC-B6102.26.45.220623 | GIPC-B6102.26.43.220415 | 2022-07-12  | Improved release |

## 1.3 Version Mapping Table

Table2 Version mapping table

| Product Mapping Item | Version No. (For External)            |
|----------------------|---------------------------------------|
| NVR                  | B5201.29.61.210519/B3303.28.36.200513 |

Table3 Product models and corresponding versions

| Product Series   | IPC Series                                                                                                                                                                                                                                                                                                                               |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Series<br>Models | IPC2124SR3、IPC324ER3、IPC3614SR3、IPC314SR、IPC2122SR3、IPC742SR9、IPC744SR5、IPC3612ER3、IPC322SR3、IPC2222SR5、IPC2224SR5、IPC3634ER3、IPC814SR、IPC3614LR3、IPC324LR3、IPC2124LR3、IPC3635ER3、IPC3235ER3、IPC2325EBR5、SC-3125F、SC-3145FWD、SC-3745FWD、SC-2025、SC-2045WD、SC-2645FWD、IPC2125SR3、IPC325ER3、IPC2124ER3、IPC2322EBR5、IPC2222EBR5、IPC2328SBR5 |
|                  | <b>IPC2124SR3 series:</b> IPC2124SR3-DPF36、IPC2124SR3-DPF60、IPC2124SR3-DPF120<br>IPC2124SR3-DPF36-16G、IPC2124SR3-DPF60-16G、IPC2124SR3-APF40、IPC2124SR3-APF60                                                                                                                                                                             |
|                  | <b>IPC324ER3 series:</b> IPC324ER3-DVPF28、IPC324ER3-DVPF36、IPC324ER3-DVPF60                                                                                                                                                                                                                                                              |
|                  | <b>IPC3614SR3 series:</b> IPC3614SR3-DPF28、IPC3614SR3-DPF36、IPC3614SR3-DPF60<br>IPC3614SR3-DPF28M、IPC3614SR3-DPF36M、IPC3614SR3-DPF60M                                                                                                                                                                                                    |
|                  | <b>IPC314SR series:</b> IPC314SR-DVPF28、IPC314SR-DVPF36                                                                                                                                                                                                                                                                                  |
|                  | <b>IPC2122SR3 series:</b> IPC2122SR3-UPF36、IPC2122SR3-UPF40、IPC2122SR3-UPF60、IPC2122SR3-PF40-B、IPC2122SR3-PF60-B                                                                                                                                                                                                                         |
|                  | <b>IPC742SR9 series:</b> IPC742SR9-PZ30-32G                                                                                                                                                                                                                                                                                              |
|                  | <b>IPC744SR5 series:</b> IPC744SR5-PF40-32G、IPC744SR5-PF60-32G                                                                                                                                                                                                                                                                           |
|                  | <b>IPC3612ER3 series:</b> IPC3612ER3-PF28-B、IPC3612ER3-PF40-B、IPC3612ER3-PF60-B                                                                                                                                                                                                                                                          |
|                  | <b>IPC322SR3 series:</b> IPC322SR3-DVSPF28-B、IPC322SR3-DVSPF40-B、IPC322ER3-DUVPF28-B、IPC322ER3-DUVPF40-B、IPC322SR3-UVPF28-B、IPC322SR3-UVPF40-B                                                                                                                                                                                           |

|                  |                                                                                                                                        |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------|
|                  | <b>IPC2222SR5 series:</b> IPC2222SR5-UPF40-B、IPC2222SR5-UPF60-B                                                                        |
|                  | <b>IPC2224SR5 series:</b> IPC2224SR5-PF40-B、IPC2224SR5-PF60-B、IPC2224SR5-UPF40-B、IPC2224SR5-UPF60-B                                    |
|                  | <b>IPC3634ER3 series:</b> IPC3634ER3-DPZ28                                                                                             |
|                  | <b>IPC814SR series:</b> IPC814SR-DVSPF16、IPC814SR-DVVPF16                                                                              |
|                  | <b>IPC3614LR3 series:</b> IPC3614LR3-PF28、IPC3614LR3-PF40                                                                              |
|                  | <b>IPC324LR3 series:</b> IPC324LR3-VSPF28、IPC324LR3-VSPF40                                                                             |
|                  | <b>IPC2124ER3 series:</b> IPC2124ER3-DPF40、IPC2124ER3-DPF60                                                                            |
|                  | <b>IPC2124LR3 series:</b> IPC2124LR3-PF40、IPC2124LR3-PF60                                                                              |
|                  | <b>IPC3235ER series:</b> IPC3235ER3-DUVZ                                                                                               |
|                  | <b>IPC2325EBR5 series:</b> IPC2325EBR5-DUPZ、IPC2325EBR5-DUPZ28、IPC2325EBR5-DUPZ-NB1                                                    |
|                  | <b>IPC3635ER3 series:</b> IPC3635ER3-DUPZ、IPC3635ER3-DUPZ28                                                                            |
|                  | <b>SC-3125F series:</b> SC-3125F-IS-F28、SC-3125F-IS-F40                                                                                |
|                  | <b>SC-3145FWD series:</b> SC-3145FWD-I-F28、SC-3145FWD-I-F40                                                                            |
|                  | <b>SC-3745FWD series:</b> SC-3745FWD-IZ                                                                                                |
|                  | <b>SC-2045WD series:</b> SC-2045WD-IS-F40、SC-2045WD-IS-F60                                                                             |
|                  | <b>SC-2645FWD series:</b> SC-2645FWD-IZ                                                                                                |
|                  | <b>IPC2125SR3 series:</b> IPC2125SR3-ADUPF40、IPC2125SR3-ADUPF60                                                                        |
|                  | <b>IPC325ER3 series:</b> IPC325ER3-DUVPF28、IPC325ER3-DUVPF40、IPC3615ER3-ADUPF28M、IPC3615ER3-ADUPF40M、IPC3235ER3-DUVZ、IPC3235ER3-DUVZ28 |
|                  | <b>IPC2322EBR5 series:</b> IPC2322EBR5-HDUPZ                                                                                           |
|                  | <b>IPC2328SBR5 series:</b> IPC2328SBR5-DPZ-NB1                                                                                         |
|                  | <b>IPC2222EBR5 series:</b> IPC2222EBR5-HDUPF40、IPC2222EBR5-HDUPF60                                                                     |
| Target file name | GIPC-B6102.26.45.220623.zip                                                                                                            |

## 2 Feature and Change Description

P45D1911(GIPC-B6102.26.45.220623):

None

P43D1911(GIPC-B6102.26.43.220415):

None

P41D1911(GIPC-B6102.26.41.211122):

None

P39D1911

None

P37D1911

None

P36D1911

None

P35D1911

None

P32D1911

| Item                 | Feature                                           | Description                                                                                                                                  |
|----------------------|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Newly added features | Differentiate alarm recordings                    | When recordings are stored on the on-board SD card, alarm recordings are displayed in red on playback progress bar.                          |
| Improved features    | Formatting required for first time use of SD card | To improve system stability, the user will be prompted to format the SD card if the SD card is used for the first time on Uniview' s camera. |
| Deleted features     | None                                              | None                                                                                                                                         |

P21D1911

None

P10D1911

| Item                 | Feature                | Description                                                                                                      |
|----------------------|------------------------|------------------------------------------------------------------------------------------------------------------|
| Newly added features | ANR of structured info | Camera on-board TF card supports ANR of structured info.                                                         |
|                      | NAS image storage      | Support NAS storage of images. In factory defaults, 85% of NAS capacity is allocated to video and 15% to images. |
|                      | HTTPS                  | Device HTTPS stream conforms to ONVIF.                                                                           |
|                      | IPv6                   | Device IPv6 stream conforms to ONVIF.                                                                            |
|                      | Version naming rules   | Device version naming rules includes time information.<br>Example: QIPC-B1203.11.10.200402.                      |
| Deleted features     | None                   | None                                                                                                             |

P20D1907

| Item                 | Feature                          | Description                                                                                                                                                                                                                                                                                                                                             |
|----------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Newly added features | Sync with cloud server time      | Support syncing camera time with cloud server.                                                                                                                                                                                                                                                                                                          |
|                      | GA/T1400 protocol                | <ol style="list-style-type: none"> <li>1、 Add a platform communication type: GA/T1400(DFWL).</li> <li>2、 Server ID will be required when GA/T1400(DFWL) is selected.</li> <li>3、 The camera gets online on the VM after the parameters are configured.</li> </ol>                                                                                       |
|                      | TF card health status monitoring | Display memory card health index in Storage page if the TF card supports health monitoring.                                                                                                                                                                                                                                                             |
|                      | Longitude and latitude           | <ol style="list-style-type: none"> <li>1、 Add longitude and latitude settings in System &gt; Device Info; add Device Latitude and Longitude Coordinates on OSD configurations page.</li> <li>2、 For GPS-supported cameras, the coordinates on Device Info page can be configured on the condition that Sensing Data Source is set to Manual.</li> </ol> |
|                      | Language options                 | Provides multiple language options on the login page.                                                                                                                                                                                                                                                                                                   |
|                      | Box camera lens                  | Support zoom and focus by motorized zoom lens control of P-ZOOM, P-FOCUS and P-IRIS.                                                                                                                                                                                                                                                                    |
| Improved features    | Intelligent server port          | Intelligent server port range: 1-65535.                                                                                                                                                                                                                                                                                                                 |
|                      | Server port                      | Server port range changes from 80-65535 to 1-65535.                                                                                                                                                                                                                                                                                                     |
| Deleted features     | None                             | None                                                                                                                                                                                                                                                                                                                                                    |



P10D1907

:

| Item                 | Feature               | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Newly added features | Strong password login | <p>IP camera requires a strong password</p> <ol style="list-style-type: none"><li>1. After default password is entered at first login, a pop-up window leads the user to change the password, and only accepts a strong password.</li><li>2. Requires the user to change password if a weak or medium password is used to login.</li><li>3. A strong password is required when changing password.</li><li>4. Friendly password mode is removed.</li><li>5. A strong password shall include at least nine characters comprising all three types: digits, letters, and special characters. Both uppercase and lowercase letters are supported.</li><li>6. The default password changes to 123456 (admin was supported previously).</li></ol> |
|                      | Alarm cleared         | <p>IP camera supports intrusion detection cleared and scene change alarm cleared</p> <p>Intrusion detection cleared: a red box shows after an object enters the area, and the box changes into green after the object leaves, and the camera reports alarm cleared.</p> <p>Scene change detection: after scene change is detected, the camera reports alarm cleared in 3 to 4 seconds.</p>                                                                                                                                                                                                                                                                                                                                                 |
|                      | BNC video OSD         | Support OSD on BNC video. OSD info displays on the Web interface live view and BNC video simultaneously.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| Item              | Feature                           | Description                                                                                                                                                                                                                                                                                                                       |
|-------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Improved features | Storage Policy page improved      | Improved Storage Policy page:<br>Off changes to Alarm Recording Only<br>Manual Storage changes to Manual and Alarm Recording<br>Planned Storage changes to Scheduled and Alarm Recording                                                                                                                                          |
|                   | Alarm configuration page improved | Alarm configuration page of both Smart and normal alarms improved<br>Separate Rule Settings, Trigger Actions and Plan settings in the configuration page.                                                                                                                                                                         |
|                   | Post-Record time                  | The minimum Post-Record time changes to 5s.<br>The minimum Post-Record time changes from 30s to 5s, and the maximum remains 1800s.                                                                                                                                                                                                |
|                   | Main stream resolution            | The main stream resolution can be changed independently<br>Previously, to change the resolution of main stream, the user should change the Capture Mode. Currently the resolution can be changed in the Resolution drop down list. When connecting to a third-party platform, the resolution can also be changed on the platform. |
| Deleted features  | None                              | None                                                                                                                                                                                                                                                                                                                              |

P30D1904:

None

P20D1904:

None

P10D1904:

| Item                 | Feature                  | Description                                                                                                                                                                                                                                                                                                                                           |
|----------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Newly added features | PPPoE                    | Display the obtained IP address in PPPoE mode.                                                                                                                                                                                                                                                                                                        |
|                      | SD Card                  | Support image storage to SD card: 1、 By default, 20% of the SD card capacity is allocated for image storage.<br>2、 Support the storage of scheduled snapshots and snapshots taken at set interval.<br>3、 Support the storage of alarm triggered snapshots.<br>4、 In Photo page, snapshots and smart snapshots are displayed in different directories. |
|                      | Port mapping             | Add manual port mapping<br>1、 Mapping mode includes UPnP and Manual.<br>2、 The UPnP mapping mode includes Auto and Manual. The port cannot be configured in Auto UPnP mapping mode.<br>3、 If the mapping mode is Manual, only port configurations are displayed.<br>4、 If port mapping is disabled, all configurations will be hidden.                |
|                      | Functions without plugin | 1、 Support H.265 video and G.711U audio without plugin.<br>2、 Display the status such as server status, SD card status, and port mapping status when the camera is operated on another web client.                                                                                                                                                    |
|                      | NAS                      | Support NAS storage: 1、 NAS and SD card are available as the storage medium.<br>2、 After configuring NAS server, the configurations must be saved before the server can be used.                                                                                                                                                                      |
| Improved features    | Running time             | Support clearing the accumulated running time of the camera on NVR.                                                                                                                                                                                                                                                                                   |
| Deleted features     | None                     | None                                                                                                                                                                                                                                                                                                                                                  |

## P30D1812:

| Item                 | Feature | Description                                                                      |
|----------------------|---------|----------------------------------------------------------------------------------|
| Newly added features | None    | None                                                                             |
| Improved features    | Log     | Includes IR cut switch count in logs to facilitate judgment on its service life. |
| Deleted features     | None    | None                                                                             |

## P20D1812:

None

## P10D1812:

| Item                 | Feature                                      | Description                                                                                                                |
|----------------------|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Newly added features | Illegal login lock                           | Add illegal login lock on the Web interface. When enabled, the account will be locked after 5 consecutive wrong passwords. |
|                      | NTP server port                              | NTP server port configurable.                                                                                              |
|                      | Add trigger action for intelligent functions | Add SD card storage in alarm trigger actions.                                                                              |
|                      | SDDP                                         | Add <b>SDDP</b> and <b>Identify</b> settings in <b>Demo</b> page.                                                          |
|                      | Refresh <b>Storage</b> page                  | <b>Storage</b> page refreshes after the storage medium is formatted.                                                       |
|                      | Capture mode                                 | 5MP/8MP products support 1080P@50fps and 1080P@60fps.                                                                      |
| Improved features    | Intelligent snapshot                         | The resolution of intelligent functions triggered snapshots can be configured.                                             |
| Deleted features     | None                                         | None                                                                                                                       |

## P30D1809:

| Item                 | Feature   | Description                                           |
|----------------------|-----------|-------------------------------------------------------|
| Newly added features | Dewarping | Add dewarping function(except for fish eye equipment) |
| Improved features    | None      | None                                                  |
| Deleted features     | None      | None                                                  |

## P20D1809:

None.

## P10D1809:

| Item                 | Feature                                        | Description                                                                                                                                                  |
|----------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Newly added features | Alarm report to EZVMS over WAN                 | Alarm report to EZVMS over the WAN.                                                                                                                          |
|                      | Old password required when changing password   | Old password is required when changing user password.                                                                                                        |
|                      | SSL certificate signature algorithm change     | The signature algorithm for SSL certificate changes from SHA-1 to SHA-2.                                                                                     |
|                      | QoS                                            | Support QoS.                                                                                                                                                 |
|                      | Open source software licenses                  | Add open source software licenses on the Basic Info page of Web interface.                                                                                   |
| Improved features    | Record IP and port of operation source in logs | When configuring or managing IPC on platform, NVR or IPC Web interface, the IP address and port number of the operation source will be recorded in IPC logs. |
| Deleted features     | None                                           | None                                                                                                                                                         |

## P30D1806:

None.

## P20D1806:

| Item                 | Feature        | Description                                |
|----------------------|----------------|--------------------------------------------|
| Newly added features | Privacy policy | Show privacy policy at user's first login. |
| Improved features    | None           | None                                       |
| Deleted features     | None           | None                                       |

## P10D1806:

| Item                 | Feature                                               | Description                                                                                                                                                                                                                               |
|----------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Newly added features | Onvif Profile T                                       | Profile T supported.                                                                                                                                                                                                                      |
|                      | Heat map for 4MP fisheye camera                       | Heat map for 4MP fisheye camera with connected NVR.( fisheye camera)                                                                                                                                                                      |
| Improved features    | Add device by scanning without cloud account          | With a strong device password, Quick Add allows you to add device by scanning QR code without a cloud account.                                                                                                                            |
|                      | Improved people counting&face detection configuration | 1、 In people counting configuration, the improved interface allows you to set the max. /min. object size by drawing.<br>2、 Inface detection configuration,the improved interface allows you to set themin. pupillary distance by drawing. |
| Deleted features     | None                                                  | None                                                                                                                                                                                                                                      |

## D1806:

| Item                 | Feature                              | Description                                                                                                                     |
|----------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Newly added features | New add model                        | IPC2325EBR5-DUPZ-NB1、IPC2328SBR5-DPZ-NB1                                                                                        |
| Improved features    | Four-corner frame for face detection | The face detection frame is changed from full frame to four-corner frame.                                                       |
|                      | Add condition of use for U-Code      | When the capture mode is more than 30 frames per sec, U-Code cannot be configured for main stream, sub stream and third stream. |
|                      | More live view channels              | Up to 35 concurrent live view windows are supported on the same PC.                                                             |
| Deleted features     | Delete face tracking line            | After enabling face detection and intelligent mark, the target is tracked by detection frame, with the tracking line deleted.   |

## P30D1803:

None.

## P20D1803:

| Item                 | Feature                    | Description                                                         |
|----------------------|----------------------------|---------------------------------------------------------------------|
| Newly added features | Live view without plugin   | Play H.264 video without plug-in.                                   |
|                      | New port mapping type      | Added the HTTPS port on the port mapping page.                      |
|                      | New protocol               | SNMP                                                                |
| Improved features    | SD card recording playback | Fast forward/rewind, and control progress by dragging the timeline. |
| Deleted features     | None                       | None                                                                |

P10D1803:

| Item                 | Feature                    | Description                                                                                                                                          |
|----------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Newly added features | Voice tracking for fisheye | Voice tracking is now available on the Web for fisheye cameras: the image nearest to the sound source is highlighted with red borders on the screen. |
|                      | New smart features         | Object left behind and object removed.                                                                                                               |
|                      | New add models             | IPC2325EBR5-DUPZ-NB1、IPC2328SBR5-DPZ-NB1                                                                                                             |
| Improved features    | Cross line detection       | Lower false alarm rate in cross line detections.                                                                                                     |
|                      | Snapshot resolution        | Snapshot resolution selectable.                                                                                                                      |
| Deleted features     | Duration                   | Deleted the Duration parameter from the Motion Detection page.                                                                                       |
|                      | Original Image Clarity     | Original Image Clarity is deleted from image parameters.                                                                                             |

### 3 Version Upgrade Description

- Version B5010D1510 supports normal upgrade. B5010D1510 and later versions cannot be downgraded to earlier versions, e.g., B5009D1509. If version downgrade is really required, contact our customer service staff.
- Reversion to P10D1604 or earlier is not allowed once the firmware is upgraded to P12D1611 or later. Contact our technical support if reversion is necessary in an exceptional case.

## 4 Version Upgrade Procedure

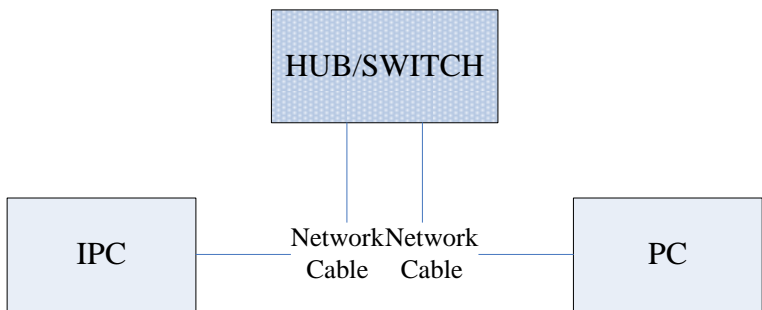
### 4.1 Upgrade Overview

#### 4.1.1 Version Upgrade Environment

##### 1. Network Architecture for Upgrade

Figure 1 Network architecture





As shown in this figure, the version files are stored on the PC that is connected to the IPCs through the network.

## 4.2 Upgrade Procedure

### 4.2.1 Upgrade Through the Web

- (1) Log in to the Web interface as **admin** (default password: 123456).
- (2) Click **Setup>System>Maintenance**. The **Maintenance** page is displayed.

|                                              |                                                                                                                                                    |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Firmware Upgrade</b>                      |                                                                                                                                                    |
| Upgrade File                                 | <input type="text"/> <input type="button" value="Browse..."/> <input type="button" value="Upgrade"/> <input type="checkbox"/> Upgrade Boot Program |
| <b>Device Restart</b>                        |                                                                                                                                                    |
| <input type="button" value="Restart"/>       | Restart the device.                                                                                                                                |
| <input type="checkbox"/> Enable Auto Restart | <input type="text" value="Each Day"/> <input type="text" value="02:00:00"/> <input type="button" value="OK"/>                                      |
| <b>Config Management</b>                     |                                                                                                                                                    |
| <input type="button" value="Default"/>       | Keep current network and user settings and restore other settings to defaults.                                                                     |
| Importing                                    | <input type="text"/> <input type="button" value="Browse..."/> <input type="button" value="Import"/>                                                |
| Exporting                                    | <input type="text" value="C:\Users\Desktop\lftp"/> <input type="button" value="Browse..."/> <input type="button" value="Export"/>                  |
| <b>Diagnosis Info</b>                        |                                                                                                                                                    |
| Storage Path                                 | <input type="text" value="C:\Users\MyLocalFiles\Debug\"/> <input type="button" value="Browse..."/> <input type="button" value="Download"/>         |

- (3) Click **Browse** in the **Firmware Upgrade** area. In the **Select** dialog box that appears, select the upgrade file package, for example, IPC\_G6102-XXXXX.zip, and then click **Open**.

**Maintenance**

---

**Firmware Upgrade**

Upgrade File     Upgrade Boot Program

---

**Device Restart**

Restart the device.

Enable Auto Restart

---

**Config Management**

Keep current network and user settings and restore other settings to defaults.

Importing

Exporting

---

**Diagnosis Info**

Storage Path

- (4) Click **Upgrade**. You cannot operate on other pages during the upgrade process.
- (5) Wait till the upgrade is completed. A message appears to indicate successful upgrade and prompt you to log in again after the device restarts.

## 5 Version Upgrade Disclaimer

1. By setting or installing this program in any way you agree to all of the following terms and conditions. Your downloading or using the program means you acknowledge your full understanding and acceptance of the following terms and conditions. If you do not agree to any of the following terms, you shall not use the program and you must cease installing and delete the program immediately.
2. The upgrade program is only applicable to the intended regions and product models. Before upgrade or update, please read the release notes carefully to make sure the program is applicable to your region and product model. You will be fully liable and responsible for all the consequences of device abnormality and related maintenance costs caused by your improper operations.
3. Uniview owns or is legally authorized to own all rights and IPRs (Intellectual Property Rights) of the program and the supplied release notes.
4. Software upgrades are for the optimization of product functions and do not mean there is defect.
5. You must strictly follow instructions in the release notes during the upgrade process, otherwise you are responsible for the possible consequences and related maintenance costs.
6. You shall not engage in any of the following activities, otherwise you would be liable for infringement and responsible for any adverse consequences arising therefrom.
  - 6.1 Copy the program (exclude the reasonable and necessary copies for internal backups);
  - 6.2 Exclude this statement when using the program or transfer the program to any third party;

- 6.3 Modify the program or its derivatives;
- 6.4 Reverse engineer, decompile or disassemble this program.
- 7. The program is only intended for authorized users. Its architecture, organization and source code are valuable trade secrets and confidential information owned by Uniview and its authorized parties. You agree not to provide or disclose any confidential information contained in or derived from the software to any third party. No part of this document may be excerpted, reproduced, or distributed in any form by any entity or individual without written consent from our company.