

CIPC-B2301.5.40.220623

## Release Notes

Zhejiang Uniview Technologies Co., Ltd

# CIPC-B2301.5.40.220623

## Release Notes

**Keywords:** Version information, version upgrade

**Abstract:** This document provides detailed version information and upgrade procedure for CIPC-B2301.5.40.220623.

**Acronym:**

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

# Content

|  |          |
|--|----------|
| <b>1 Version Information</b> .....         | <b>3</b> |
| 1.1 Version Number .....                   | 3        |
| 1.2 Release History .....                  | 3        |
| 1.3 Version Mapping Table .....            | 3        |
| <b>2 Feature Change Description</b> .....  | <b>3</b> |
| <b>3 Version Upgrade Description</b> ..... | <b>8</b> |
| <b>4 Version Upgrade Procedure</b> .....   | <b>8</b> |
| 4.1 Upgrade Overview .....                 | 8        |
| 4.1.1 Version Upgrade Environment .....    | 8        |
| 4.1.2 Version Upgrade Modes .....          | 8        |
| 4.2 Upgrade Procedure .....                | 8        |
| 4.2.1 Upgrade Through the Web .....        | 8        |
| <b>5 Version Upgrade Disclaimer</b> .....  | <b>9</b> |

# 1 Version Information

## 1.1 Version Number

CIPC-B2301.5.40.220623

## 1.2 Release History

Table1 Released versions

| Version No.            | Basic Version No.      | Released On | Remarks          |
|------------------------|------------------------|-------------|------------------|
| CIPC-B2301.5.40.220623 | CIPC-B2301.5.39.220415 | 2022-07-18  | Improved release |

Table2 Version mapping table

| Product Mapping Item | Version No. (For External) |
|----------------------|----------------------------|
| NVR                  | B1217.3.32.200824          |

## 1.3 Version Mapping Table

Table3 Product models and corresponding versions

| Product Series   | IPC Series                            |
|------------------|---------------------------------------|
| Series           | <b>IPC6412LR</b>                      |
| Models           | <b>IPC6412LR series:IPC6412LR-X5P</b> |
| Target file name | CIPC-B2301.5.40.220623.zip            |

# 2 Feature Change Description

P42D1911 (CIPC-B2301.5.40.220623):

None.

P40D1911 (CIPC-B2301.5.39.220415):

None.

P37D1911 (CIPC-B2301.5.37.211122):

None.

## P35D1911:

| Item                 | Feature                           | Description   |
|----------------------|-----------------------------------|---|
| Newly added features | Changed NTP update interval range | The maximum update interval for the NTP server has been changed from 3600s to one day |
| Improved features    | None                              | None  |
| Deleted features     | None                              | None  |

## P30D1911:

None.

## P21D1911:

| Item                 | Feature       | Description   |
|----------------------|---------------|---|
| Newly added features | Alibaba cloud | The three elements of ProductKey, DeviceName and DeviceSecret are burned into C2301 trunk version devices so that the devices can connect to Alibaba Cloud. |
| Improved features    | None          | None  |
| Deleted features     | None          | None  |

## P11D1911:

| Item                 | Feature                       | Description   |
|----------------------|-------------------------------|---|
| Newly added features | ANR of structured info        | Camera on-board TF card supports ANR of structured info.  |
|                      | RS485 Warm light control      | Support warm light control through RS485.   |
|                      | HTTPS                         | Device HTTPS stream conforms to ONVIF.  |
|                      | IPv6                          | Device IPv6 stream conforms to ONVIF.   |
| Improved features    | Scramble                      | Both sub stream and third stream support video scrambling, so that all the triple streams support scrambling in H264/H265 mode. |
|                      | Version naming rules          | Device version naming rules includes time information. Example: QIPC-B1203.11.10.200402.  |
| Deleted features     | Intelligent chain calculation | Remove intelligent chain calculation function from new industry products (and later products).                                  |

P22D1907:

| 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>   |
|                      | 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  |

P12D1907:

| 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.  |
| Improved features    | Storage Policy page improved      | <p>Improved Storage Policy page:</p> <p>Off changes to Alarm Recording Only</p> <p>Manual Storage changes to Manual and Alarm Recording</p> <p>Planned Storage changes to Scheduled and Alarm Recording</p>   |
|                      | Alarm configuration page improved | <p>Alarm configuration page of both Smart and normal alarms improved</p> <p>Separate Rule Settings, Trigger Actions and Plan settings in the configuration page.</p>  |
|                      | Post-Record time                  | <p>The minimum Post-Record time changes to 5s.</p> <p>The minimum Post-Record time changes from 30s to 5s, and the maximum remains 1800s.</p>   |
|                      | Main stream resolution            | <p>The main stream resolution can be changed independently</p> <p>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.</p>  |
| Deleted features     | None                              | None  |



P31D1904:

None.

P20D1904:

None.

## 3 Version Upgrade Description

None.

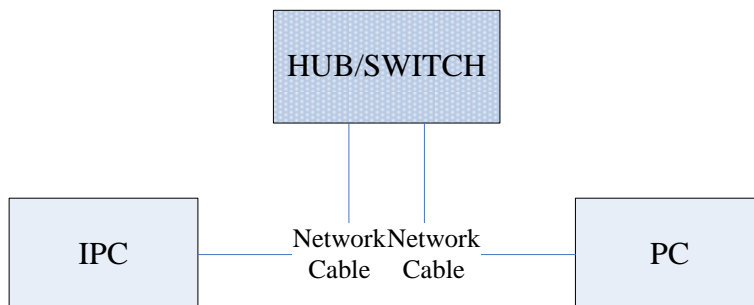
## 4 Version Upgrade Procedure

### 4.1 Upgrade Overview

#### 4.1.1 Version Upgrade Environment

##### 1. Network Architecture for Upgrade

Figure1Network architecture



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

#### 4.1.2 Version Upgrade Modes

You can upgrade through the Web.

### 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>Maintenance>Device Maintenance**. The **Device 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\_C2301-XXXXX.zip, and then click **Open**.
- (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.