

CIPC-B2302.5.11.220415

## Release Notes

Zhejiang Uniview Technologies Co., Ltd

## CIPC-B2302.5.11.220415 Release Notes

**Keywords:** Version information, version upgrade

**Abstract:** This document provides detailed version information and upgrade procedure for CIPC-B2302.5.11.220415.

**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 and Change Description</b> .....	<b>4</b>
<b>3 Version Upgrade Description</b> .....	<b>6</b>
<b>4 Version Upgrade Procedure</b> .....	<b>6</b>
4.1 Upgrade Overview .....	6
4.1.1 Version Upgrade Environment .....	7
4.2 Upgrade Procedure .....	7
4.2.1 Upgrade Through the Web .....	7
<b>5 Version Upgrade Disclaimer</b> .....	<b>8</b>

# 1 Version Information

## 1.1 Version Number

CIPC-B2302.5.11.220415

## 1.2 Release History

Table1 Released versions

Version No.	Basic Version No.	Released On	Remarks
CIPC-B2302.5.11.220415	CIPC-B2302.5.9.220321	2022-4-19	Improved release

## 1.3 Version Mapping Table

Table2 Version mapping table

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

Table3 Product models and corresponding versions

Product Series	IPC Series
Series	<b>IPC6415SR、IPC6412LR、IPC542SE、IPC6612SR</b>
Models	<b>IPC6415SR series:</b> IPC6415SR-X5UPW-VG
	<b>IPC6412LR series:</b> IPC6412LR-X5UPW-VG
	<b>IPC542SE series:</b> IPC542SE-HDK-I0
	<b>IPC6612SR series:</b> IPC6612SR-X25-VG、IPC6612SR-X33-VG
Target file name	CIPC-B2302.5.11.220415.zip

## 2 Feature and Change Description

D2109SP11 (CIPC-B2302.5.11.220415) :

None.

D2109SP09 (CIPC-B2302.5.9.220321) :

None.

D2109SP08 (CIPC-B2302.5.8.220304) :

None.

D2109SP03 (CIPC-B2302.5.3.220120) :

Item	Feature	Description
Newly added features	Recording search and download by alarm type	Allows user to view and download alarm recordings of a specified alarm type, for example, motion detection, parking detection, etc.
	Lens initialization	Supports one-click initialization of the lens and automatic initialization at a user-specified time.
Improved features	None	None
Deleted features	None	None

D2012SP79 (CIPC-B2302.3.79.211217) :

Item	Feature	Description
Newly added features	Masked 3D smart detection rules	The device temporarily masked 3D smart detection rules, and use 2D smart detection rules instead ( <a href="#">versions-dome cameras</a> )
	Added Preset Control Mode under UART serial port	The Preset Control Mode parameter was added under UART serial port and includes two options: camera module control and PTZ control.
Improved features	None	None
Deleted features	None	None

D2012SP65:

None.

D2012SP35:

None.

D2012SP23:

Item	Feature	Description
Newly added features	Adapted to Hikvision iVMS	Camera modules can be connected to iVMS for functions like live view, PTZ control, etc. ( <a href="#">CIPCV200R003B02/QIPCV200R002B02 camera modules</a> ).
Improved features	None	None
Deleted features	None	None

D2012SP15:

None.

D2012:

Item	Feature	Description
Newly added features	Face detection	Face detection is available (30KQ equipped camera modules, domes, CIPCV200R003B02 version).
	Face snapshot triggered cloud storage	Supports uploading and saving face detection snapshots to cloud (All the 30KQ, 338G equipped devices that support face snapshot).
	Filter by face angle	Supports filtering face snapshots by face orientation (head pose) and can filter face snapshots when the roll, yaw or pitch angle exceeds the set value (All the 30KQ/338G equipped devices that support face snapshot).
	Face detection area masking	Face detection is not effective in the masked areas (All the 30KQ, 338G equipped devices that support face snapshot).
	Face attributes	Face snapshot supports extraction of objects' attributes such as mask, glasses, gender, age, etc (All the 338G equipped devices that support face snapshot).
	Human body snapshot	Supports body snapshot and can link face images with body images on the GUI (All the 338G equipped devices that support face snapshot).
	Static objects filter	Supports filtering stationary objects in face detection and snapshot (All the 30KQ, 338G equipped devices that support deep learning algorithm).
Improved features	Deep learning algorithm based auto tracking	Supports classification of objects and can track motor vehicles, non-motor vehicles, and pedestrians by category (All the 30KQ/338G equipped devices that support automatic tracking).
Deleted features	None	None

### 3 Version Upgrade Description

None.

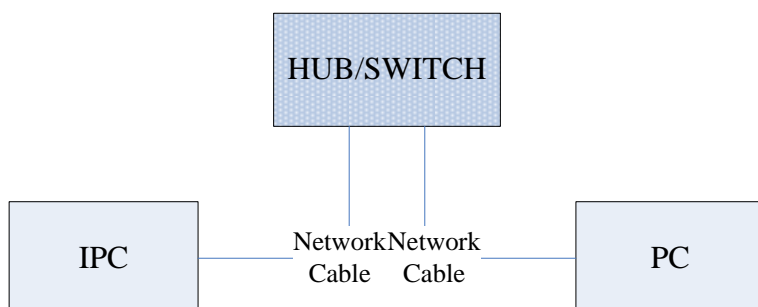
### 4 Version Upgrade Procedure

#### 4.1 Upgrade Overview

## 4.1.1 Version Upgrade Environment

### 1. Network Architecture for Upgrade

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\_C2302-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.