

HCMN-B2201.6.9.220415

## Release Notes

Zhejiang Uniview Technologies Co., Ltd

## HCMN-B2201.6.9.220415 Release Notes

**Keywords:** Version information, version upgrade

**Abstract:** This document provides detailed version information and upgrade procedure for HCMN-B2201.6.9.220415.

**Acronym:**

Acronym	Full Name
IPC	IP Camra

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# 1 Version Information

## 1.1 Version Number

HCMN-B2201.6.9.220415

## 1.2 Release History

Table1Released versions

Version No.	Basic Version No.	Released On	Remarks
HCMN-B2201.6.9.220415	HCMN-B2201.6.7.210705	2022-04-22	improved release

## 1.3 Version Mapping Table

Table2Version mapping table

Product Mapping Item	Version No. (For External)
NVR	NVR-B3111.29.28.200914/B3605P10/NVR-B3401.19.6.200324/NVR-B5201.29.25.200702/NVR-B1217.29.30.200915

Table3Product models table

Product Series	IPC Series
Series	<b>IPC6322SR、IPC6322LR、IPC6254SR</b>
Models	<b>IPC6322SR series:</b> IPC6322SR-X22P-D、IPC6322SR-X33UP-D
	<b>IPC6322LR series:</b> IPC6322LR-X22-D、IPC6322LR-X33U-D
	<b>IPC6254SR series:</b> IPC6254SR-X33DUP
Target file name	HCMN-B2201.6.9.220415.zip

# 2 Feature Change Description

D2012SP10(HCMN-B2201.6.9.220415):

None

D2012SP07:

None.

D2012:

Item	Feature	Description
Newly added features	Video FTP	Supports alarm-triggered FTP to upload videos to an FTP server.
	Area shielding	Face detection and mixed-traffic detection support area shielding.
	Web login prompt	Users will be prompted to fill in a phone number or email address when logging in to a device's Web interface for the first time.
	Snapshot OSD	Supports OSD overlay on snapshots.
	Mask detection	Added the mask attribute for face detection.
	Packet export	Added a setting of packet capture.
Improved features	VCA detection during patrol	Supports face detection and mixed-traffic detection during patrol.
	Number of presets	A camera module supports 1024 presets.
	SSH	Changed the connection mode for device maintenance from Telnet to SSH.
Deleted features	Chain calculation	Deleted chain calculation.

P03D2009:

Item	Feature	Description
Newly added features	IPv6	Supports IPv6 DHCP and basic functions (live view, audio, snapshot) based on IPv6.
	Visible attributes	<ol style="list-style-type: none"> <li>1. A separate line is added on the bottom of the live snapshot page showing all the captured humans when face detection and human body snapshot are enabled. Human body attributes that were previously displayed on the right side of face snapshots are now displayed below the live view image.</li> <li>2. User can double-click a closeup to zoom in for details, including original image, closeup and all attributes. The scroll bar next to closeup image is removed.</li> <li>3. Attributes of human faces, human bodies, motor vehicles and non-motor vehicles are now visible and represented by the corresponding icons.</li> </ol>
Improved features	Privacy mask	The device supports mosaic mask for eight privacy areas on single image.
Deleted features	None	None

## P02D2007:

Item	Feature	Description
Newly added features	Phone number or email required at first login	<ol style="list-style-type: none"> <li>1. By default, users are required to enter mobile phone number (domestic devices) or email (overseas devices) at first login. User can leave it empty by deselecting the checkbox. A warning message will appear when the checkbox is deselected.</li> <li>2. After the phone number/email is configured, user can click Forgot Password on the login page to retrieve password using the set phone number or email address.</li> </ol>
	Sync time with cloud server	Devices supporting EZCloud can sync time with cloud server.
	Alarm reporting of smart functions	Supports reporting alarms of smart functions to VMS via LAPI persistent connection.
	Authentication	1. To enable HTTPS, HTTP needs to be disabled. After enabling HTTPS, user will be redirected to log in by HTTPS. (HTTPS is not

		supported without plugin, and functions like upgrade and diagnosis info export are not available for HTTPS login.) 2. Added new HTTP and RTSP authentication mode Digest SHA265, and Digest changes to Digest MD5. The default is Digest MD5. 3. RTSP encryption relies on HTTP. The web interface and functions are not affected.
	Operation log	Added the Logtab in Setup > System. User can search and view operation logs under this tab.
	Management server address	Management server address supports both IP and domain name (Domain name was not supported previously). The server addresses of UNP, media stream, storage, FTP, intelligent server, 3011 server, and Qianxun SI all support IP and domain name.
	Snapshot plan	Added the Enable Snapshot Plan checkbox when Snapshot Mode is set to Repeat. User can enable/disable snapshot plan and edit arming periods.
	Target overlay	Added Target Overlay in Intelligent > Advanced Settings > Photo Parameters. This function is disabled by default. When enabled, a detection box overlays around a target in the snapshot.
	Recording download	1. Support downloading recordings in batches. 2. Support downloading a video clip.
Improved features	OSD characters	More OSD characters are supported. Domestic devices support 60 characters, and overseas devices support 40 characters. For domestic devices, the OSD may fail to show completely at a low resolution.
	Video watermark	In Video Watermark page, when Video Watermark is enabled, a message appears indicating that the watermark can be verified on EZPlayer.
	Log of SD card storage	Added SD card storage related logs in diagnosis info.
	Video & Image Database	1. Supports setting as the protocol of Intelligent Server 1 and Intelligent Server 2 at the same time. 2. Supports configuration of report protocol. 3. Added Normalized Mode for coordinate mode configuration.
Deleted features	Friendly password	Removed the Friendly Password option on the web interface. Friendly password is disabled by default unless it's enabled in factory mode.

P11D2003:

Item	Feature	Description
Newly added features	Media stream	Add PS+UDP protocol in media stream management page.
	Add long connection mode	If the intelligent server is Video&Image Database, two connection modes are available: short connection and standard mode. Choose short connection when connecting to Uniview NVR and VMS, and standard mode for third-party platforms.
	Alarm recordings saved in SD card differentiated in playback page	If recordings are saved on an onboard SD card, alarm recordings are highlighted in red on playback progress bar.
	Time sync	Support syncing time with cloud server.
Improved features	Audio configuration	Audio input cannot be enabled with no audio channel enabled, and on-screen message that at least one audio channel must be enabled appears.
	Minimum system	Enters the minimum system in device startup error. User can still upgrade and maintain the device on the Web interface.
	PTZ speed	Add PTZ speed level and preset speed level configuration.
	FTP default IP	The server IP of General FTP and Smart FTP change from 192.168.0.15 to 0.0.0.0.
Deleted features	None	None

### 3 Version Upgrade Description

None.

### 4 Version Upgrade Procedure

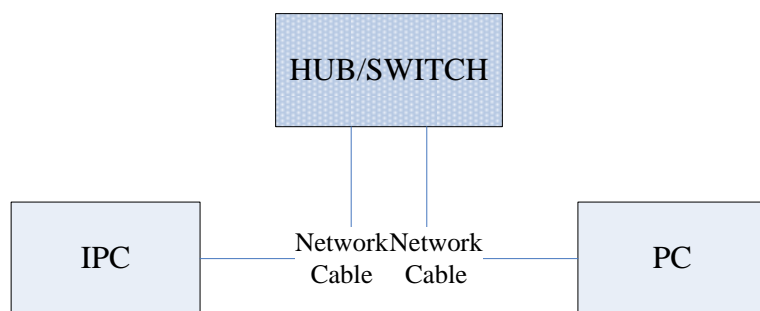
#### 4.1 Upgrade Overview

##### 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.

### 4.1.2 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\_HCMN2201-XXXXX.zip, and then click **Open**.
- (4) Click **Upgrade**. You cannot operate on other pages during the upgrade process.

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**Maintenance**

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**Firmware Upgrade**

Upgrade File     Upgrade Boot Program

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**Device Restart**

Restart the device.

Enable Auto Restart

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**Config Management**

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

Importing

Exporting

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**Diagnosis Info**

Storage Path

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- (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.