HCMN-R2108.13.40.220623

Release Notes

Zhejiang Uniview Technologies Co., Ltd

HCMN-R2108.13.40.220623 Release Notes

Keywords: Version information, version upgrade

Abstract: This document provides detailed version information and upgrade procedure for HCMN-R2108.13.40.220623.

Acronym:

Acronym	Full Name
IPC	IP Camra

Content

1 Version Information

1.1 Version Number

HCMN-R2108.13.40.220623

1.2 Release History

Table 1 Released versions

Version No.	Basic Version No.	Released On	Remarks
HCMN-R2108.13.40.220623	HCMN-R2108.13.39.220415	2022-07-19	Improved relese

1.3 Version Mapping Table

Table 2 Version mapping table

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

Table 3 Product models and corresponding versions

Product Series	IPC Series
Series	IPC6222EI、IPC542E、IPC6322LR、IPC6322SR
Models	**IPC6222EI series:**IPC6222EI-X22UP-C
	IPC542E series：IPC542E-DLC-C
	IPC6322LR series：IPC6322LR-X22-C、IPC6322LR-X33DU-C
	IPC6322SR series：IPC6322SR-X22P-C、IPC6322SR-X33DUP-C
Target file name	HCMN-R2108.13.40.220623.zip

2 Feature Change Description

P42D1911（HCMN-R2108.13.40.220623）：

None.

P40D1911（HCMN-R2108.13.39.220415）：

None.

P35D1911（HCMN-R2108.13.37.211122）：

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.

P22D1907：

Item	Feature	Description
Newly added features	Sync with cloud server time	Support syncing camera time with cloud server.
	GA/T1400 protocol	1、 Add a platform communication type: GA/T1400(DFWL). 2、 Server ID will be required when GA/T1400(DFWL) is selected. 3、 The camera gets online on the VM after the parameters are configured.
	Longitude and latitude	1、 Add longitude and latitude settings in System > Device Info; add Device Latitude and Longitude Coordinates on OSD configurations page. 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.
	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	IP camera requires a strong password 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. 2. Requires the user to change password if a weak or medium password is used to login. 3. A strong password is required when changing password. 4. Friendly password mode is removed. 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. 6. The default password changes to 123456 (admin was supported previously).
	Alarm cleared	IP camera supports intrusion detection cleared and scene change alarm cleared 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. Scene change detection: after scene change is detected, the camera reports alarm cleared in 3 to 4 seconds.
	Mosaic privacy mask	Add mosaic in privacy mask style.
	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	Improved Storage Policy page: Off changes to Alarm Recording Only Manual Storage changes to Manual and Alarm Recording Planned Storage changes to Scheduled and Alarm Recording
	Alarm configuration page improved	Alarm configuration page of both Smart and normal alarms improved Separate Rule Settings, Trigger Actions and Plan settings in the configuration page.
	Post-Record time	The minimum Post-Record time changes to 5s. 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 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

P31D1904：

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. 2、Support the storage of scheduled snapshots and snapshots taken at set interval. 3、Support the storage of alarm triggered snapshots. 4、In Photo page, snapshots and smart snapshots are displayed in different directories.
	Port mapping	Add manual port mapping 1、Mapping mode includes UPnP and Manual. 2、The UPnP mapping mode includes Auto and Manual. The port cannot be configured in Auto UPnP mapping mode. 3、If the mapping mode is Manual, only port configurations are displayed. 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. 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. 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 **SDDP** and **Identify** settings in **Demo** page.
	Refresh **Storage** page	**Storage** page refreshes after the storage medium is formatted.
Improved features	Intelligent snapshot	The resolution of intelligent functions triggered snapshots can be configured.
Deleted features	None	None

P30D1809：

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：

Item	Feature	Description
Newly added features	Initial release	IPC6322LR-X33DU-C、IPC6322SR-X33DUP-C
Improved features	None	None
Deleted features	None	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.
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. 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	Add One-Click Focus (Locked) in Focus Mode	For camera modules, add One-Click Focus (Locked) in Focus Mode; when the image scene is changed to Road Highlight Compensation (HLC), One-Click Focus (Locked) is the default option. (IPC_Q1201, IPC_HCM2103，IPC_HCM2108)
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	New smart features	Object left behind and object removed.
Improved features	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

None.

4 Version Upgrade Procedure

4.1 Upgrade Overview

4.1.1 Version Upgrade Environment

1. Network Architecture for Upgrade

Figure 1 Network architecture
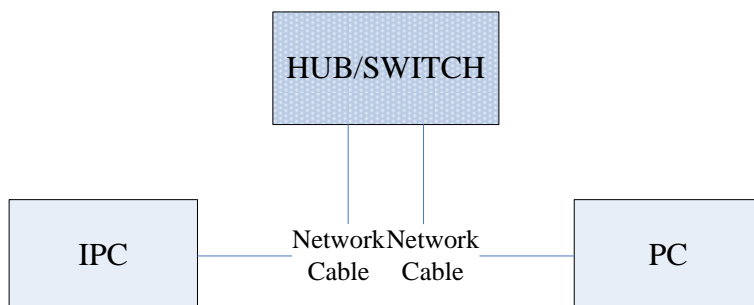
As shown in this figure, the version files are stored on the PC that is connected to the IPCs through the network.

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 **System** > **Maintenance**. The **Maintenance** page is displayed.

(3)   Click **Browse** in the **Firmware Upgrade** area. In the **Select** dialog box that appears, select the upgrade file package, for example, IPC_HCMN2108-XXXXX.zip, and then click **Open**.

(4)   Click **Upgrade**. You cannot operate on other pages during the upgrade process.

Maintenance

Firmware Upgrade

Upgrade File   C:\Users\Desktop\tftp\IPC_G6102-B5005D1509.zip   [Browse...] [Upgrade] ☐ Upgrade Boot Program

Device Restart

[Restart]   Restart the device.

☐ Enable Auto Restart   Each Day ∨ 02:00:00 🕒   [OK]

Config Management

[Default]   Keep current network and user settings and restore other settings to defaults.

Importing   _____   [Browse...] [Import]

Exporting   C:\Users\Desktop\tftp   [Browse...] [Export]

Diagnosis Info

Storage Path   C:\Users\MyLocalFiles\Debug\   [Browse...] [Download]

(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.

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