

GIPC-B6202.5.26.210901

Release Notes

Zhejiang Uniview Technologies Co., Ltd

GIPC-B6202.5.26.210901

Release Notes

Keywords: Version information, version upgrade

Abstract: This document provides detailed version information and upgrade procedure for GIPC-B6202.5.26.210901.

Acronym:

Acronym	Full Name
IPC	IP Camera

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1 Version Information

1.1 Version Number

GIPC-B6202.5.26.210901

1.2 Release History

Table1 Released versions

Version No.	Basic Version No.	Released On	Remarks
GIPC-B6202.5.26.210901	GIPC-B6202.5.16.210809	2021-09-06	Improved release

1.3 Version Mapping Table

Table2 Version mapping table

Product Mapping Item	Version No. (For External)
NVR	B3111.29.42.210125

Table3 Product models and corresponding versions

Product Series	IPC Series
Series	IPC325SB、IPC2125SB、IPC3615SB、IPC3635SB、IPC3235SB、IPC2325SB IPC2225SE、IPC3615SE、IPC2324SB、IPC2322SB、IPC2122SB、IPC3632SB IPC3232SB、IPC3234SB、IPC324SB、IPC3614SB、IPC2124SB、IPC3634SB IPC322SB、IPC3612SB、IPC312SB、IPC314SB、IPC2124LE、IPC324LE IPC2324LB、IPC3534LB、IPC3634LB、IPC675LFW、IPC2325LB、IPC3535LB IPC3635LB、IPC325LE、IPC2125LE、IPC3615LE、IPC、IPC3614LE IPC2124SB、IPC2125SB、IPC2315SB、IPC2314SB、IPC2312SB、IPC6312LFW IPC6312LR、IPC6312LR
	IPC325SB series: IPC325SB-DF28K-I0、IPC325SB-DF40K-I0 IPC2125SBseries: IPC2125SB-ADF28KM-I0、IPC2125SB-ADF40KM-I0 IPC3615SB series: IPC3615SB-ADF28KM-I0、IPC3615SB-ADF40KM-I0 IPC3615SB-ADF28KMC-I0、IPC3615SB-ADF40KMC-I0 IPC3635SB series: IPC3635SB-ADZK-I0 IPC3235SB series: IPC3235SB-ADZK-I0 IPC2325SB series: IPC2325SB-DZK-I0 IPC2225SEseries: IPC2225SE-DF40K-WL、IPC2225SE-DF60K-WL IPC3615SEseries: IPC3615SE-ADF28KM-WL、IPC3615SE-ADF40KM-WL IPC2324SBseries: IPC2324SB-DZK-I0 IPC2322SBseries: IPC2322SB-DZK-I0
Models	

IPC2122SBseries: IPC2122SB-ADF28KM-I0、IPC2122SB-ADF40KM-I0
IPC3632SBseries: IPC3632SB-ADZK-I0
IPC3232SBseries: IPC3232SB-ADZK-I0
IPC3234SBseries: IPC3234SB-ADZK-I0
IPC324SBseries: IPC324SB-DF28K-I0、IPC324SB-DF40K-I0
IPC3614SBseries: IPC3614SB-ADF28KM-I0、IPC3614SB-ADF40KM-I0 IPC3614SB-ADF28KMC-I0、IPC3614SB-ADF40KMC-I0
IPC2124SBseries: IPC2124SB-ADF28KM-I0、IPC2124SB-ADF40KM-I0
IPC3634SBseries: IPC3634SB-ADZK-I0
IPC322SBseries: IPC322SB-DF28K-I0、IPC322SB-DF40K-I0
IPC3612SBseries: IPC3612SB-ADF28KM-I0、IPC3612SB-ADF40KM-I0
IPC312SB series: IPC312SB-ADF28K-I0
IPC2124LE series: IPC2124LE-ADF28KM-G、IPC2124LE-ADF40KM-G
IPC324LE series: IPC324LE-DSF28K-G、IPC324LE-DSF40K-G
IPC3614LE series: IPC3614LE-ADF28K-G、IPC3614LE-ADF40K-G
IPC2324LB series: IPC2324LB-ADZK-G
IPC3634LB series: IPC3634LB-ADZK-G
IPC3534LB series: IPC3534LB-ADZK-G
IPC314SB series: IPC314SB-ADF28K-M12-I0、IPC314SB-ADF28K-I0
IPC675LFW series: IPC675LFW-AX4DUPKC-VG
IPC2325LB series: IPC2325LB-ADZK-G
IPC3535LB series: IPC3535LB-ADZK-G
IPC3635LB series: IPC3635LB-ADZK-G
IPC2125LE series: IPC2125LE-ADF28KM-G、IPC2125LE-ADF40KM-G
IPC3615LE series: IPC3615LE-ADF28K-G、IPC3615LE-ADF40K-G
IPC325LE series: IPC325LE-ADF28K-G、IPC325LE-ADF40K-G
IPC series: IPC-B314-APKZ-SC、IPC-D314-APKZ-SC、IPC-T314-APKZ-SC IPC-B315-APKZ-SC、IPC-D315-APKZ-SC、IPC-T315-APKZ-SC IPC-B314-APKZ、IPC-D314-APKZ、IPC-T314-APKZ IPC-B315-APKZ、IPC-D315-APKZ、IPC-T315-APKZ
IPC2124SB series: IPC2124SB-ADF28KMC-I0 、IPC2124SB-ADF40KMC-I0
IPC2125SBseries: IPC2125SB-ADF28KMC-I0、IPC2125SB-ADF40KMC-I0

	IPC2315SBseries: IPC2315SB-ADF40KM-I0 、 IPC2315SB-ADF60KM-I0
	IPC2314SBseries: IPC2314SB-ADF40KM-I0、 IPC2314SB-ADF60KM-I0
	IPC2312SBseries: IPC2312SB-ADF40KM-I0、 IPC2312SB-ADF60KM-I0
	IPC6312LFW series: IPC6312LFW-AX4C-VG
	IPC6312LR series: IPC6312LR-AX4-VG
	IPC6312LR series: IPC6312LR-AX4W-VG
Target file name	GIPC-B6202.5.26.210901.zip

2 Feature and Change Description

P26D2012:

Item	Feature	Description
Newly added features	New added models	IPC3614SB-ADF28KMC-I0 IPC3614SB-ADF40KMC-I0 IPC3615SB-ADF28KMC-I0 IPC3615SB-ADF40KMC-I0
Improved features	Optimized display mode	Local video settings-display mode now provides four options: Min. Delay, Balanced, Fluent, and Custom. The default is Balanced. Previously three options: Fluency Priority, Real-Time Priority, Ultra-Low Delay.
Deleted features	None	None

P16D2012:

Item	Feature	Description
Newly added features	Fog removal via IR illumination	(Only mini PTZ) 1. Added IR light to remove fog. 2. User can turn on/off the IR light on the web interface and set the length of time the IR light is lit.
	Scene lock	Clicking the Scene Lock button on the live view page will lock zoom and focus.
	SSH	Supports the SSH protocol.
	Pop-up window showing storage paths of local snapshots and recordings	The pop-up window appears after user performs local snapshot or local recording and disappears in 1s.
	Masked areas in face detection	Face detection added the masked area feature. Faces within masked areas will not be detected.
	Operation logs page	Added the Log tab under System. Users can search and export logs of operations such as login, device restart, system configuration, parameter configuration, etc.
	Packet capture	The System > Maintenance tab added the packet export function to capture IPC packets.
	Transparency configuration for picture overlay	Allows user to configure the transparency of picture overlay.
	SIP and face capture support corridor mode	Smart Intrusion Prevention (SIP) and face capture support corridor mode.
PRIME I-I0 series 2MP IPC	PRIME-I0 series Prime I 2MP IPC supports the 1080P sub stream.	

supports 1080P sub stream	Models: IPC3232SB-ADZK-I0 IPC2322SB-DZK-I0 IPC3632SB-ADZK-I0 IPC2122SB-ADF28KM-I0 IPC2122SB-ADF40KM-I0 IPC2312SB-ADF60KM-I0 IPC2312SB-ADF40KM-I0 IPC3612SB-ADF28KM-I0 IPC3612SB-ADF40KM-I0 IPC322SB-DF28K-I0 IPC322SB-DF40K-I0 IPC312SB-ADF28K-I0)
People flow counting and crowd density monitoring	The smart function added people flow counting and crowd density monitoring.
Added the PS+UDP stream	The Media Stream page added the PS+UDP protocol.
Highlighted alarm recordings for SD card storage	Alarm recordings saved on the SD card are highlighted in red on the progress bar on the playback page
IPv6 feature	Supports DHCP and other basic functions (live view, audio, snapshot, etc) based on IPv6.
Repeat snapshot mode supports arming plan	Allows user to configure an arming plan after choosing the Repeat snapshot mode. User can enable/disable the snapshot plan and configure time periods.
Batch && clipped video	User can select multiple videos to download at a time on the Playback page.

	download	User can also download a video clip of a specified time period.
	SD card storage logs	Device logs added storage related logs, which can be exported with diagnosis information.
	Light and audio alarm	Light and audible warning network camera can trigger light and audio alarms when intruders are detected
	Playing alarm audio for trial	Light and audible warning network cameras allow user to play and try alarm audios.
	Shielding linkage	Supports shielding linkage with three modes. <ol style="list-style-type: none"> 1. No Shielding 2. Periodic Shielding 3. One-Time Shielding When in No Shielding mode, shielding is not effective; when in Periodic Shielding mode, user can configure when shielding is effective; when in One-Time Shielding mode, shielding is effective, and smart services and alarm services will not trigger the specified actions.
	Configurable output gain for two-way audio and alarm audio	The output gain of two-way audio and alarm audio is now configurable.
	New added models	IPC6312LFW-AX4C-VG、IPC6312LR-AX4-VG IPC6312LR-AX4W-VG
Improved features	Separated upgrade	Uniview products cannot be upgraded to OEM versions, and likewise, OEM products cannot be upgraded to Uniview versions.
	Combined HLC	Park Highlight Compensation and Road Highlight Compensation are combined into one and is displayed as Road Highlight compensation on the Scene page.
	Completed SIP alarm triggered actions	SIP alarms now support alarm-triggered FTP (smart server), edge storage of images, edge storage of videos, cloud storage of images (only China), and uploading video to FTP server.
	Password	User can submit his/her mobile phone number (China) or email address (outside China) for password retrieval at first login. User can choose not

	retrieval	<p>to submit mobile phone number/email address by clearing the check box but will be notified of security risks.</p> <p>Products sold in China support password retrieval via mobile phone number or by scanning QR code with WeChat.</p> <p>Products sold outside China support password retrieval by using email address.</p>
	Unified indoor/outdoor modes in SIP	Scene settings of indoor/outdoor detection are deleted, and pedestrians, motor vehicles, and non-motor vehicles are detected by default when SIP is enabled.
	The default encoding format changed from H.264 to H.265	The device's default video compression mode is now H.265.
	Removed default IP address for FTP	The default address for general FTP and smart FTP is 0.0.0.0 (previously 192.168.0.15).
	Authentication	<ol style="list-style-type: none"> 1. Enabling HTTPS disables HTTP and requires user to log in via HTTPS (HTTPS is not supported without the plugin installed; user cannot upgrade the device or export diagnosis information when logged in via HTTPS). 2. For RTSP authentication and HTTP authentication, Digest is changed to Digest MD5, and Digest SHA265 is added. The default is Digest MD5. 3. RTSP encryption relies on HTTPS for encrypted transmission and does not affect UI and functionality.
	Watermark tip	The Watermark page added a text message indicating watermark can be verified on EZPlayer. The message appears when watermark is enabled.
	FTP configuration	The length of FTP filenames is extended to 64 characters.
	Improved alarm audio import	Light and audible warning network cameras allow user to import alarm audio files (MP3, each up to 200KB) and rename the imported audio files.
Deleted features	Alarm-triggered preset for	Alarm-triggered preset is removed for motion detection, tampering detection, and audio detection alarms.

	mini PTZ	
	Untriggered Target removed from smart detection box	The Untriggered Target is removed from local configuration. Only objects that trigger alarms will be marked.
	Removed friendly password settings	Friendly password is removed from the web interface and is disabled by default.

P71D1911:

Item	Feature	Description
Newly added features	New added models	IPC2124SB-ADF28KMC-I0 、 IPC2124SB-ADF40KMC-I0 IPC2125SB-ADF28KMC-I0、 IPC2125SB-ADF40KMC-I0 IPC2315SB-ADF40KM-I0 、 IPC2315SB-ADF60KM-I0 IPC2314SB-ADF40KM-I0、 IPC2314SB-ADF60KM-I0 IPC2312SB-ADF40KM-I0、 IPC2312SB-ADF60KM-I0
Improved features	None	None
Deleted features	None	None

P69D1911:

Item	Feature	Description
Newly added features	New added models	IPC-B314-APKZ-SC、 IPC-D314-APKZ-SC IPC-T314-APKZ-SC、 IPC-B315-APKZ-SC

		IPC-D315-APKZ-SC、IPC-T315-APKZ-SC IPC-B314-APKZ、IPC-D314-APKZ、IPC-T314-APKZ IPC-B315-APKZ、IPC-D315-APKZ、IPC-T315-APKZ
Improved features	None	None
Deleted features	None	None

P97D1911:

Item	Feature	Description
Newly added features	New added models	IPC2325LB-ADZK-G、IPC3535LB-ADZK-G IPC3635LB-ADZK-G、IPC325LE-ADF28K-G IPC325LE-ADF40K-G、IPC2125LE-ADF28KM-G IPC2125LE-ADF40KM-G、IPC3615LE-ADF28K-G IPC3615LE-ADF40K-G
Improved features	None	None
Deleted features	None	None

P95D1911:

Item	Feature	Description
Newly added features	Corridor mode	Supports corridor mode.
	30fps	Added 30fps.
	Face detection	Supports face detection (except Easy series).
Improved	Audio	Optimized audio performance provides clearer sound.

features	optimization	
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P88D1911:

None

P82D1911:

Item	Feature	Description
Newly added features	30KQ series added 30fps.	30fps was not supported previously due to insufficient bandwidth. The 30KQ series added 2880*1620@30, 2560*1440@30 and 2304*1296@30.
	New added models	IPC2124LE-ADF28KM-G、IPC2124LE-ADF40KM-G、IPC324LE-DSF28K-G、IPC324LE-DSF40K-G、IPC2324LB-ADZK-G、IPC3534LB-ADZK-G、IPC3634LB-ADZK-G
Improved features	Standardize custom alarm audios imported to IPC.	The sound of the alarm audios customized by users may be low, so we standardize the audios during import process to achieve better alarm effects.
Deleted features	None	None

P97D1911:

Item	Feature	Description
Newly added features	Incomplete alarm-triggered actions for perimeter protection	Added the following alarm-triggered actions for perimeter protection: email, image cloud storage, recording edge storage, and image edge storage. (Overseas, Distribution, Integrator)
		IPC312SB-ADF28K-I0、IPC314SB-ADF28K-M12-I0、IPC314SB-ADF28K-I0

	New added models	
Improved features	None	None
Deleted features	None	None

P87D1911:

None

P85D1911:

Item	Feature	Description
Newly added features	New added models:	IPC2225SE-DF40K-WL、IPC2225SE-DF60K-WL IPC3615SE-ADF28KM-WL、IPC3615SE-ADF40KM-WL IPC2324SB-DZK-I0、IPC2322SB-DZK-I0 IPC2122SB-ADF28KM-I0 、IPC2122SB-ADF40KM-I0 IPC3632SB-ADZK-I0、IPC3232SB-ADZK-I0 IPC3234SB-ADZK-I0、IPC324SB-DF28K-I0 IPC324SB-DF40K-I0、IPC3614SB-ADF28KM-I0 IPC3614SB-ADF40KM-I0、IPC2124SB-ADF28KM-I0 IPC2124SB-ADF40KM-I0、IPC3634SB-ADZK-I0 IPC322SB-DF28K-I0、IPC322SB-DF40K-I0 IPC3612SB-ADF28KM-I0 、IPC3612SB-ADF40KM-I0
Improved features	None	None
Deleted features	None	None

P77D1911:

Item	Feature	Description
Newly added features	New added models:	IPC3635SB-ADZK-I0、IPC3235SB-ADZK-I0 IPC2325SB-DZK-I0
Improved features	None	None
Deleted features	None	None

3 Version Upgrade Description

None.

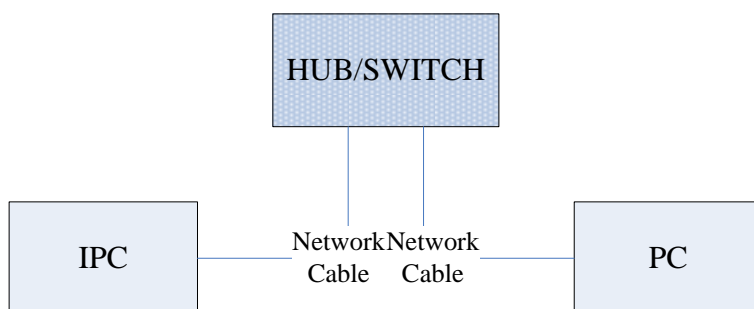
4 Version Upgrade Procedure

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.

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

- (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.