GIPC-B6202.15.13.240806

Release Notes

Zhejiang Uniview Technologies Co., Ltd

GIPC-B6202.15.13.240806

Release Notes

Keywords: Version information, version upgrade

Abstract: This document provides detailed version information and upgrade procedure forGIPC-B6202.15.13.240806.

Acronym:

Acronym	Full Name
IPC	IP Camera

Content

1 Version Information

1.1 Version Number

GIPC-B6202.15.13.240806

1.2 Release History

Table1Released versions

Version No.	Basic Version No.	Released On	Remarks
GIPC-B6202.15.13.240806	GIPC-B6202.15.11.240529	2024-08-29	Improved release

1.3 Version Mapping Table

Table2 Version mapping table

Product Mapping Item	Version No. (For External)
NVR	B3113.39.20.L02.240802

Table3Product 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、IPC354SB、IPC2224SE、IPC3634SE、IPC3534SB** **IPC2324SE、IPC318SB、IPC2A14LP、IPC2A12LP**
Models	**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 IPC3615SE-ADF28KM-WL-I0、IPC3615SE-ADF40KM-WL-I0

IPC2324SBseries：IPC2324SB-DZK-I0
IPC2322SBseries：IPC2322SB-DZK-I0
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-IO
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 IPC2124LE-ADF28KMC-WL、IPC2124LE-ADF40KMC-WL
IPC324LE series：IPC324LE-DSF28K-G、IPC324LE-DSF40K-G
IPC3614LEseries：IPC3614LE-ADF28K-G、IPC3614LE-ADF40K-G IPC3614LE-ADF28KC-WL、IPC3614LE-ADF40KC-WL
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、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
	IPC-B128-APF28KM、IPC-B128-APF40KM
	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
	IPC354SB series：IPC354SB-ADNF28K-I0、IPC354SB-ADNF40K-I0
	IPC2224SE series：IPC2224SE-DF40K-WL-I0、IPC2224SE-DF60K-WL-I0
	IPC3634SE series：IPC3634SE-ADF28K-WL-I0、IPC3634SE-ADF40K-WL-I0 IPC3634SE-ADZK-WL-I0
	IPC2324SE series：IPC2324SE-ADZK-WL-I0
	IPC3534SB series：IPC3534SB-ADNZK-I0
	IPC3618LB series：IPC3618LB-ADF28K-G
	IPC2128LB series：IPC2128LB-ADF28K-G、IPC2128LB-ADF40K-G
	IPC318SB series：IPC318SB-ADF28K-I0
	IPC2A14LP series：IPC2A14LP-ADF40KC-4G-E、IPC2A14LP-ADF60KC-4G-E
	IPC2A12LP series：IPC2A12LP-ADF40KC-4G-E、IPC2A12LP-ADF60KC-4G-E
Target file name	GIPC-B6202.15.13.240806.zip

2 Feature and Change Description

P13D2312（GIPC-B6202.15.13.240806）：
None
P11D2312（GIPC-B6202.15.11.240529）：

Item	Feature	Description
Newly added features	New added models	IPC2A14LP-ADF40KC-4G-E、 IPC2A14LP-ADF60KC-4G-E IPC2A12LP-ADF40KC-4G-E、 IPC2A12LP-ADF60KC-4G-E
Improved features	None	None
Deleted features	None	None

P07D2312（GIPC-B6202.15.7.240429）：

Item	Feature	Description
Newly added features	People counting supports reporting total number of people entering/leaving to EZCloud	Previously, people counting only supported reporting the number of people entering/leaving per minutes to EZCloud. In the latest version, the total number of people entering/leaving can also be reported.
	P/N standard (Used to suppress stripes in image for overseas IPCs)	1. When the device is activated for the first time, the P standard option is grayed out and the region is empty. Once the user selects a region, the corresponding standard will be configured automatically. 2. User can change the P/N standard manually in Setup > Image > Image > Video Standard. 3. The P standard is suitable for areas with a mains frequency of 50Hz, while the N standard is suitable for areas with a mains frequency of 60Hz.
	RTSP retrieves recording streaming	RTSP recording streaming URL supports including time parameters.
	Companion app supports triggering alarm manually	1. Supports triggering alarm and clearing alarm function in the app. 2. The Trigger Alarm button is only displayed if the device supports sound and light linkage, and there are linkage options available. 3. When Trigger Alarm is enabled, the device's light flashes for 30 seconds, while the alarm sound [Warning!] plays 6

		times.
	Added EAP-TLS protocol to 802.1x	Added EAP-TLS protocol to 802.1X. User can choose EAP-MD5 (default) or EAP-TLS as needed.
	Added certificate management	Removed the display of certification information in Setup > Security > Network Security > HTTPS. Added a Certificate Management tab under Setup > Security >Network Security that supports common certificates and CA certificates. User can create, import, export, delete certificates, and view certificate properties.
	Auto redirect to HTTPS	Added an Auto Redirect to HTTPS switch (default is disabled). If both HTTPS and Auto Redirect to HTTPS are enabled, automatic redirection will access the device's Web interface via the HTTPS protocol.
Improved features	Increased people counting alarm threshold to 500	Increased people counting alarm threshold from 180 to 500.
	NTP server	In Setup > System > Time, if Sync with Latest Server Time or Sync with NTP Server is selected, the NTP configuration details will be displayed.
	Optimized software upgrade	Web upgrades are 5 to 9 seconds faster than before.
Deleted features	None	None

P66D2308（GIPC-B6202.13.66.240111）：
None

P65D2308（GIPC-B6202.13.65.231227）：
None

P02D2308（GIPC-B6202.13.2.231008）：

Item	Feature	Description
Newly added features	Onvif Profile M	Supports Profile M for devices that support smart intrusion prevention or face capture or people counting feature.
	Crowd density monitoring supports linkage with email	Supports linkage with e-mail, attached with a snapshot.
	New added models	IPC318SB-ADF28K-I0
Improved features	Optimized linkage of smart intrusion prevention with email	For smart intrusion prevention, when an alarm occurs, the number of snapshots sent to the email is increased from one to three.
	Custom alarm sound	The number of customized alarm sounds (PCM or MP3 file, less than 200KB) for deep-learning alarm devices increased from 1 to 3.
Deleted features	None	None

P05D2304（GIPC-B6202.12.5.230814）：
None

P03D2304（GIPC-B6202.12.3.230726）：

Item	Feature	Description
Newly added features	Log	Added algorithm log control switch which can enable/disable control panel logs and Debug logs and set the log size.
	Human Body Detection	Added human body detection alarm clear report.
	New added models	IPC-B128-APF28KM IPC-B128-APF40KM
Optimized features	EZCloud support	Forbidden local upgrades when users log in from the device cloud page to camera's web interface.
	Optimized over-exposure configuration	Add linear stripe suppression configuration on device's Web graphical interface, with levels ranging from 1 to 9. The default is 5.
		This function is configurable only when the exposure mode is set to Indoor 50Hz or Indoor 60Hz. Otherwise, it's grayed out.
		The linear stripe suppression and WDR are mutually exclusive. When WDR is enabled or set to Auto, the linear stripe suppression is grayed out.
	People flow counting and crowd density monitoring	In the alarm-triggered light configuration of people flow counting and crowd density monitoring, the light brightness configuration is blocked.
	EZCloud	For overseas Uniview devices, there is a Privacy Statement for cloud access:
		After the device's first login and password modification, a new interface is added to enable/disable the EZCloud and also reminds the potential privacy risk of cloud access.
		On the Setup--Network--EZCloud page, there is also a corresponding privacy prompt for enabling/disabling EZCloud.
Deleted features	None	None

P06D2302（GIPC-B6202.11.6.230515）：

Item	Feature	Description
Newly added features	Alarm push to third-party platform	only prime series with software version: GIPC-B6202) After configuring the alarm server, the IPC alarm information can be pushed to third-party platforms. 1. Added an alarm server configuration item. Users can configure the third-party platform information. 2. Supports configuring IP/domain name for the alarm server. 3. The supported alarms are as follows: Supports alarm upload: Tampering detection, sound detection, motion detection, alarm input, UMD, cross line detection, enter area, leave area, intrusion detection, face detection, people flow counting, and crowd density. Supports image upload: UMD, cross line detection, enter area, leave area, intrusion detection, and face detection.
	Supports manual acknowledgement of linkage status	When an alarm triggers sound, light, or alarm input, users can click the alarm icon in the NVR's local client to acknowledge and stop the alarm.
	Support EZCloud Pro app	1.User can configure camera resolution in EZCloud Pro when the camera is online. 2.User can view camera's altitude and longitude in EZCloud Pro.
Improved features	None	None
Deleted features	None	None

P09D2211（GIPC-B6202.10.9.230404）：
None

P07D2211（GIPC-B6202.10.7.230224）：

None

P05D2210（GIPC-B6202.9.5.221122）：

Item	Feature	Description
Newly added features	Multiple languages	UNV version UI supports multiple languages: 13 languages for Easy series, and 20 languages for Prime series Easy series: English, Simplified Chinese, Polish, German, Russian, France, Korean, Dutch, Czech, Portuguese, Spanish, Spanish(Europe), Italian Prime series: Chinese (Traditional), English, Chinese(Simplified), Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese(Brazil), Japanese, Thai, Turkish, Spanish(Latin America), Spanish(Europe), Hungarian, Italian, Vietnamese
Improved features	OSD	OSD switches to dot matrix fonts. OSD styles supports two types: Normal and Background
	UMD	Changed UI phrasefrom Smart Motion Detection to Ultra Motion Detection.
	Alarm-linked light	Changed alarm linkage action name from Alarm Light to Flashing Light
Deleted features	None	None

P05D2209（GIPC-B6202.8.5.221020）：

Item	Feature	Description
Newly added features	Smart dual-Light	Smart dual-light policy Active deterrence devices: 1. With alarm light linkage action selected: no change. 2. With alarm light linkage action not selected: when in smart dual-light mode at night, after perimeter protection rules are triggered and an alarm is reported, the solid IR light changes to the solid white light; 10s after an intrusion detection alarm is cleared or a cross line/enter area/leave area alarm is triggered, the white light turns off, and the IR light remains on. Dual-light devices (non-active deterrence devices) 1. There's no UI configuration for the trigger action. When in smart dual-light mode at night, after perimeter protection rules are triggered and an alarm is reported, the solid IR light changes to the solid white light; 10s after an intrusion detection alarm is cleared or a cross line /enter area/leave area alarm is triggered, the white light turns off, and the IR light remains on. IPC2124LE-ADF28/40KMC-WL, IPC3614LE-ADF28/40KC-WL added the smart dual-light mode Devices that support both IR light and warm light support the smart dual-light mode.
Improved features	None	None
Deleted features	None	None

P13D2201（GIPC-B6202.7.13.220922）：
None
P12D2201（GIPC-B6202.7.12.220909）：
None
P10D2201（GIPC-B6202.7.10.220830）：

Item	Feature	Description
Newly added features	VIID supports IPv6	Intelligent Server supports IPv6 address when the communication protocol is VIID.
	Different user types with different permissions	1. Supports different user types with different permissions. "admin" is the default type and has maximum permissions. Other user types that can be added are Operator and Common User. 2. Operator has default permissions including live view, playback, snapshot, two-way audio, PTZ control, and logs, and optional permissions including parameter configuration, event subscription, maintenance, and upgrade. 3. Common user has live view (default) and playback (optional) permissions.
	Plugin	Switched to the new plugin named WebPlugin IPC UN/BN. Compatible Web browsers: IE10，IE11 Chrome45.0 or later FireFox52.0 or later Edge79 or later
	New added models	IPC354SB-ADNF40K-I0
	SD card	1. SD card recording playback supports zoomable timeline. 2. SD card recording playback supports searching and downloading recordings by type.
	Configuration file encryption	1、The system prompts for a password for file encryption when user exports configurations. The configurations are exported as a .config file, which cannot be viewed by user and can only be imported. User must input the correct password in order to import the .config file. 2、User can export diagnosis info and extract to view the contained configuration file, but cannot import the configuration file back into the device.
	Lock account for	1. Increased the number of maximum login attempts and extended the locking time; the defaults are 5 times and 5

illegal login	minutes respectively (modifiable).
	2." For a failed login attempt, shows a message indicating "incorrect username/password; n attempts left".
	3." For a locked user, shows a message indicating "account is locked, try again in n minutes".
Session timeout	Added a session timeout switch (disabled by default) to automatically log out the user after the session timed out (1-120 minutes, configurable).
Alarm-triggered light alarm	Added day/night mode configuration, so the camera can switch day/night mode according to ambient lighting and control alarm-triggered sound alarm and light alarm. (devices that support sound & light alarm)
Diagnosis info	Added algorithm logs in diagnosis info exported from IPC. Algorithm logs are saved in a compressed file that needs a decompression password from the server to open. (all)
SMD	Smart Motion Detection (SMD) added the smart mode on the existing motion detection mode, available to some Easy and Prime series products. Currently, Easy series supports pedestrian/motor vehicle detection, and Prime series supports pedestrian/motor vehicle/non-motor vehicle detection.
Default SMD settings	After SMD is enabled, a full-screen detection box is displayed by default. Available to cameras that support sound & light alarms. By default, sound and light linkage actions are enabled for SMD. SMD alarm cleared notifications are not available on EZView and EZLive.
EZCloud	EZCloud is enabled by default on all cameras.
Light mode	IPC3634/2324SE-ADZK-WL-I0 added dual-light mode (default mode).
Static object detection box	For SIP, elevator entrance detection (domestic only), and SMD (overseas only) on Prime series, the bounding box disappears after the target object triggers the rules and remains static for 5s, but the alarm continues.
ONVIF	SIP added Onvif metadata reporting, including object type,

		object ID, confidence, coordinates of object.
Improved features	Default configuration	The default name of alarm input and output is A1
	Play mode optimization	Improved display mode names and display performance. Sorted names by delay time: Min. Delay, Balanced, Fluent, and Custom, and improved performance by reducing the delay.
	FTP	1. The General tab is renamed to FTP. 2. File paths and file names are configured on two tabs. Up to 6 file paths and 20 file names are allowed. 3. Video FTP is configured on the FTP page, and a video upload option is added under the image upload configuration. 4. Added "Convert Path into UTF-8 Format" on the FTP page. 5. Deleted the Smart FTP tab, moved configurations to the pop-up window that appears after a click on the FTP button on the Ingelligent Server page. 6. Summarized the previously cluttered time and data naming elements into Date and Time, and the sub-menu provides three common options and allows one custom time format. 7. The Target Type in Smart FTP supports customization. 8. Add Channal ID as a naming element. 9. Smart FTP configuration includes the Target Type naming element.
	https	Supports HTTPS based file import/export, log export from SD card, recording export, configuration import
	SNMP	1、SNMP added the on/off otpion. SNMP is disabled by default.
	NTP	The NTP server sync time has been increased to one day, and the range has been changed from 30~3600 to 30~86400 (one day)

	VIID	Added VIID version on the intelligent server page. When GA/T1400 is chosen as the communication protocol, a drop-down list appears for user to choose VIID_2017 or VIID_2018.
	Change default settings for human body detection and SIP	Changed default settings for human body detection and SIP. For devices that supports sound light alarms, light alarm and sound alarm are enabled by default; and by default, human body detection detects the full screen.
	Password retrieval on EZView	(Me-->General-->Forget Device Password) Changed the path to password retrieval on EZView to Me > General > Forgot Device Password.
	Improved GUI and translation	1. Changed One-Key Shielding Linkage to One-Key Disarming 2.Unified UI style and layout.
Deleted features	Removed telnet	All devices removed Telnet and changed to SSH2. The level-1 password is the admin password.

P61D2012（GIPC-B6202.6.61.220722）：

Item	Feature	Description
Newly added features	SMD	The motion detection page added mode switching and can switch to SMD to detect motor vehicles/pedestrians separately and report alarms.
Improved features	None	None
Deleted features	None	None

P98D2012（GIPC-B6202.5.98.220611）：

Item	Feature	Description
Newly added features	New added models	IPC3618LB-ADF28K-G IPC2128LB-ADF28K-G IPC2128LB-ADF40K-G
Improved features	None	None
Deleted features	None	None

P92D2012（GIPC-B6202.5.92.220411）：

Item	Feature	Description
Newly added features	New added models	IPC3614LE-ADF28KC-WL IPC3614LE-ADF40KC-WL IPC2124LE-ADF28KMC-WL IPC2124LE-ADF40KMC-WL
Improved features	None	None
Deleted features	None	None

P88D2012（GIPC-B6202.5.88.220329）：

None

P87D2012（GIPC-B6202.5.87.220310）：

Item	Feature	Description
Newly added features	Option to turn off smart illumination for the alarm light linkage action	ColorHunter and dual-light active deterrence cameras added the option to turn off smart illumination for the alarm light linkage action. With smart illumination turned off and alarm light enabled for smart intrusion prevention: 1. For active deterrence cameras with IR light and white alarm light: The white alarm light will flash if an alarm is triggered during daytime; if an alarm is triggered during night, the IR light will remain off, and the white alarm light will turn on. 2. For active deterrence cameras with blue&red alarm lights: The red&blue alarm light will flash if an alarm is triggered during daytime; if an alarm is triggered during night, the IR light will remain off, and the red&blue alarm light will flash. 3. For ColorHunter cameras: The white alarm light will flash if an alarm is triggered during daytime; if an alarm is triggered during night, the IR light will remain off, and the white alarm light will turn on.
Improved features	None	None
Deleted features	None	None

P82D2012(GIPC-B6202.5.82.220121)：

Item	Feature	Description
Newly added features	New added models	IPC3634SE-ADZK-WL-I0 IPC2324SE-ADZK-WL-I0
Improved features	None	None
Deleted features	None	None

P79D2012(GIPC-B6202.5.79.211217)：

Item	Feature	Description
Newly added features	New added models	IPC3534SB-ADNZK-I0
Improved features	None	None
Deleted features	None	None

P65D2012(GIPC-B6202.5.65.211028)：

None

P37D2012(GIPC-B6202.5.37.211011)：

None

P36D2012(GIPC-B6202.5.36.210924)：

Item	Feature	Description
Newly added features	New added models	IPC354SB-ADNF28K-I0、 IPC2325LB-ADZK-G IPC2224SE-DF40K-WL-I0、 IPC2224SE-DF60K-WL-I0 IPC3634SE-ADF28K-WL-I0、 IPC3634SE-ADF40K-WL-I0
Improved features	None	None
Deleted features	None	None

P26D2012(GIPC-B6202.5.26.210901)：

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(GIPC-B6202.5.16.210809)：

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-IO)
	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. 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	to submit mobile phone number/email address by clearing the check box but will be notified of security risks. Products sold in China support password retrieval via mobile phone number or by scanning QR code with WeChat. Products sold outside China support password retrieval by using email address.
	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	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 filenamesis 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(GIPC-B6202.3.71.210707)：

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(GIPC-B6202.3.69.210611)：

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(GIPC-B6202.2.97.210508)：

Item	Feature	Description
Newly added features	New added models	IPC2325LB-ADZK-G、IPC3535LB-ADZK-G IPC3635LB-ADZK-G、IPC325LE-ADF28K-G IPC325LE-ADF40K-GIPC2125LE-ADF28KM-G IPC2125LE-ADF40KM-G、IPC3615LE-ADF28K-G IPC3615LE-ADF40K-G
Improved features	None	None
Deleted features	None	None

P95D1911(GIPC-B6202.2.95.210423)：

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

P88D1911(IPC_G6202-B0002P88D1911)：

None

P82D1911(IPC_G6202-B0002P82D1911)：

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(IPC_G6202-B0001P97D1911)：

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)
	New added models	IPC312SB-ADF28K-I0、IPC314SB-ADF28K-M12-I0、IPC314SB-ADF28K-I0
Improved features	None	None
Deleted features	None	None

P87D1911(IPC_G6202-B0001P87D1911)：

None

P85D1911(IPC_G6202-B0001P85D1911)：

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-IO、IPC3634SB-ADZK-I0 IPC322SB-DF28K-I0、IPC322SB-DF40K-I0 IPC3612SB-ADF28KM-I0 、IPC3612SB-ADF40KM-I0
Improved features	None	None
Deleted features	None	None

P77D1911（IPC_G6202-B0001P77D1911）：

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.
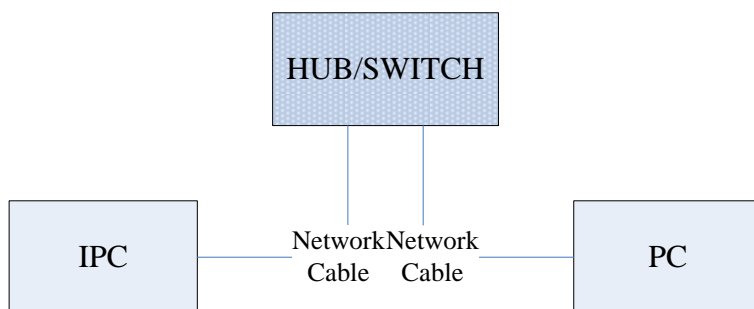
4 Version Upgrade Procedure

4.1 Upgrade Overview

4.1.1 Version Upgrade Environment

1. Network Architecture for Upgrade

Figure 1Network architecture

```
                    ┌─────────────────┐
                    │   HUB/SWITCH    │
                    └─────────────────┘
                      │           │
        ┌──────────┐  │           │  ┌──────────┐
        │   IPC    │──┘           └──│    PC    │
        └──────────┘                 └──────────┘
           Network      Network
           Cable        Cable
```

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 | | 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 |

(3) Click **Browse** in the **Firmware Upgrade** area. In the **Select** dialog box that appears, select the upgrade file package, for example, IPC_G6202-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.Yourdownloading 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 ownsor is legally authorized toownall rights and IPRs (Intellectual Property Rights) of the program and the supplied releasenotes.

4. Software upgradesareforthe optimization of product functionsand 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);

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6.3 Modify the program or its derivatives;

6.4 Reverse engineer, decompile or disassemble this program.

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