IPC_G6103-B0013P31D1904

Release Notes

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IPC_G6103-B0013P31D1904Release Notes

Keywords: Version information, version upgrade

Abstract: This document provides detailed version information and upgrade procedure forIPC_G6103-B0013P31D1904.

Acronym:

Acronym	Full Name
IPC	IP Camera

Content

1 Version Information

1.1 Version Number

IPC_G6103-B0013P31D1904

1.2 Release History

Table1Released versions

Version No.	Basic Version No.	Released On	Remarks
IPC_G6103-B0013P31D1904	IPC_G6103-B0012P20D1904	2019-10-30	improved release

1.3 Version Mapping Table

Table2 Version mapping table

Product Mapping Item	Version No. (For External)
NVR	B3401.17.14.190801/ B3111.27.25.190621/ B3401.17.13.190731

Table3Product models and corresponding versions

Product Series	IPC Series
Series	IPC2122SR3、IPC322SR3、IPC3612ER3、IPC2322EBR5、IPC3232ER、IPC3632ER3、IPC312SR、IPC322ER3、IPC2222ER5
Models	**IPC2122SR3 series:** IPC2122SR3-PF40-C、IPC2122SR3-PF60-C、IPC2122SR3-UPF40-C、IPC2122SR3-UPF60-C、IPC2122SR3-APF40-C、IPC2122SR3-APF60-C
	IPC322SR3 series: IPC322SR3-VSPF28-C、IPC322SR3-VSPF40-C、IPC322SR3-DVPF28-C、IPC322SR3-DVPF40-C、IPC322ER3-DUVPF28-C IPC322ER3-DUVPF40-C
	IPC3612ER3 series: IPC3612ER3-PF28-C、IPC3612ER3-PF40-C、IPC3612ER3-PF28M-C、IPC3612ER3-PF40M-C
	IPC2322EBR series：IPC2322EBR5-P-C、IPC2322EBR5-DPZ28-C、IPC2322EBR5-DUPZ-C、IPC2322EBR5-PBNC-C、IPC2322EBR5-DUPZ28-C
	IPC3232ER series：IPC3232ER-VS-C、IPC3232ER-DV-C、IPC3232ER3-DVZ28-C、IPC3232ER3-DUVZ-C、IPC3232ER3-DUVZ28-C
	IPC3632ER3 series：IPC3632ER3-DPZ28-C、IPC3632ER3-DUPZ-C、IPC3632ER3-DUPZ28-C
	IPC322ER3 series：IPC322ER3-DUVPF28-C、IPC322ER3-DUVPF40-C
	IPC312SR series：IPC312SR-VPF28-C、IPC312SR-VPF40-C

	IPC2222ER5 series：IPC2222ER5-DUPF40-C、IPC2222ER5-DUPF60-C
Target file name	IPC_G6103-B0013P31D1904.zip

2 Feature and Change Description

P30D1904：
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：
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	None	None
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

1. Version B5010D1510 supports normal upgrade.B5010D1510 and later versions cannot be downgraded to earlier versions, e.g., B5009D1509. If version downgrade is really required, contact our customer service staff.

2. Reversion to P10D1604 or earlier is not allowed once the firmware is upgraded to P12D1611 or later. Contact our technical support if reversion is necessary in an exceptional case.
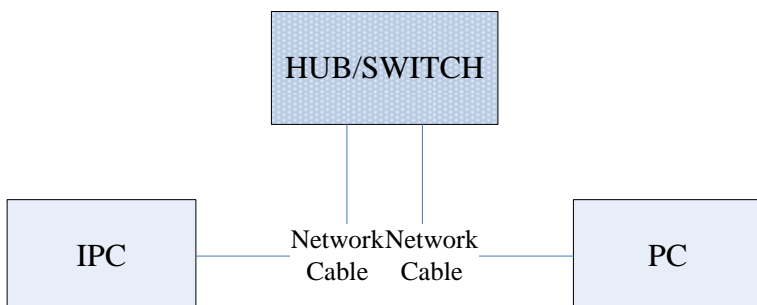
4 Version Upgrade Procedure

4.1 Upgrade Overview

4.1.1 Version Upgrade Environment

1. Network Architecture for Upgrade

Figure 1Network 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.

(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**.

(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.