

QIPC-B6301.6.11.200810

Release Notes

Zhejiang Uniview Technologies Co., Ltd

QIPC-B6301.6.11.200810 Release Notes

Keywords: Version information, version upgrade

Abstract: This document provides detailed version information and upgrade procedure for QIPC-B6301.6.11.200810.

Acronym:

Acronym	Full Name
IPC	IP Camra

Content

1 Version Information	3
1.1 Version Number	3
1.2 Release History	3
1.3 Version Mapping Table	3
2 Feature Change Description	3
3 Version Upgrade Description	6
4 Version Upgrade Procedure	7
4.1 Upgrade Overview	7
4.1.1 Version Upgrade Environment	7
4.1.2 Version Upgrade Modes	7
4.2 Upgrade Procedure	7
4.2.1 Upgrade Through the Web	7

1 Version Information

1.1 Version Number

QIPC-B6301.6.11.200810

1.2 Release History

Table1Released versions

Version No.	Basic Version No.	Released On	Remarks
QIPC-B6301.6.11.200810	QIPC-B6301.5.22	2020-08-20	Improved release

1.3 Version Mapping Table

Table2Version mapping table

Product Mapping Item	Version No. (For External)
NVR	B3111.29.5.200318/B3605P10/B3401.18.30.200106/ B5201.3.16.200120/B1217.29.5.200318

Table3Product models table

Product Series	IPC Series
Series	IPC264SA、IPC3234SA、IPC264EA、IPC3234EA
Models	IPC264SA series: IPC264SA-DZK
	IPC3234SA series: IPC3234SA-DZK
	IPC264EA series: IPC264EA-DZ28-H
	IPC3234EA series: IPC3234EA-DZ28-H
Target file name	QIPC-B6301.6.11.200810.zip

2 Feature Change Description

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.
	Adaptive streams	Some devices support adaptive streams. (multi-channel models excluded)
	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.
	Mixed traffic counting	In Mixed-Traffic Detection, the counting statistics of motor vehicles, non-motor vehicles, pedestrians, and faces are available.
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.
	Face capture filtering	Support filtering by face angle when capturing faces.
	Face and body association	Upload face and body association data when connecting to VMS via Video&Image Database protocol.
	PTZ speed	Add PTZ speed level and preset speed level configuration.
	Mixed-traffic object filtering	Filter out static objects in mixed-traffic detection.
	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

P21D1911:

None.

P13D1911:

Item	Feature	Description
Newly added features	ANR of structured info	Camera on-board TF card supports ANR of structured info.
	RS485 Warm light control	Support warm light control through RS485.
	HTTPS	Device HTTPS stream conforms to ONVIF.
	IPv6	Device IPv6 stream conforms to ONVIF.
	New added models	IPC264EA-DZ28-H、IPC3234EA-DZ28-H
Improved features	Scramble	Both sub stream and third stream support video scrambling, so that all the triple streams support scrambling in H264/H265 mode.
	Version naming rules	Device version naming rules includes time information. Example: QIPC-B1203.11.10.200402.
Deleted features	Intelligent chain calculation	Remove intelligent chain calculation function from new industry products (and later products).

P20D1907:

Item	Feature	Description
Newly added features	Sync with cloud server time	Support syncing camera time with cloud server.
	GA/T1400 protocol	<ol style="list-style-type: none"> 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.
	TF card health status monitoring	Display memory card health index in Storage page if the TF card supports health monitoring.
	Longitude and latitude	<ol style="list-style-type: none"> 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 people counting	Improve people counting, support Area People Counting and Tripwire People Counting.
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

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.**

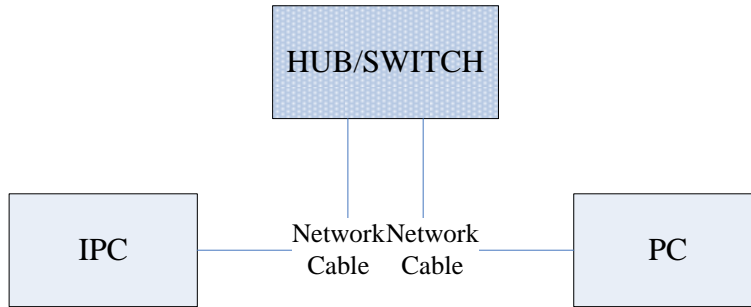
4 Version Upgrade Procedure

4.1 Upgrade Overview

4.1.1 Version Upgrade Environment

1. Network Architecture for Upgrade

Figure 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.

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_Q1201-XXXXX.zip, and then click **Open**.
- (4) Click **Upgrade**. You cannot operate on other pages during the upgrade process.

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

- (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.