GIHOS-B2101.8.2.240429

Release Notes

Zhejiang Uniview Technologies Co., Ltd.

GIHOS-B2101.8.2.240429 Release Notes

Keywords: version information, version upgrade

Abstract: This document provides detailed version information, including version introduction, version upgrade instructions.

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1 Version Info

1.1 Version No.

Version number: GIHOS-B2101.8.2.240429

1.2 Version and Release

Table 1 Version History and Release Reason

Version No.	Basic Version Number	Release Date	Release Reason
GIHOS-B2101.8.2.240429	GIHOS-B2101.7.2.240314	2024.05.11	Solve the problem

1.3 Version Matching Table

Table1 Version mapping table

Product Mapping Item	Version No. (For External)
Uniarch	Versions 2.0.13 or above
NVR	B3712.21.74.220721

Table2Product models and corresponding versions

Product Series	IPC Series
Models	Uho-S2、Uho-S2E、Uho-S2E-NB、Uho-S2-NB、Uho-S2-M3、Uho-S2E-M3、Uho-S2-M3-NB、Uho-S2E-M3-NB、Uho-S2-NB、Uho-S2-M3-NB

Table 4 Applicable Device Model and App

Device Model	Device Description	APP
Uho-S2(-M3)	Uniarch PT camera, no network interface	Uniarch
Uho-S2E(-M3)	Uniarch PT camera, with network interface	
Uho-S3E-M3	Uniarch PT camera, with network interface	
Uho-S2(-M3) -NB	Non-brand PT camera, no network interface	GuardView GuardLive
Uho-S2E(-M3)-NB	Non-brand PT camera, with network interface	

Note: Each device model has its corresponding app, but the upgrade method is basically the same. The upgrade procedure below takes Uniarch as an example.

2 Changed Features

P02D2403(GIHOS-B2101.8.2.240429)：

Item	Feature	Description
Newly added features	New added models	Uho-S3E-M3
Improved features	None	None
Deleted features	None	None

P02D2401(GIHOS-B2101.7.2.240314)：

Item	Feature	Description
Newly added features	None	None
Improved features	EZCloud	Optimized UI display: a. For devices that have been added to cloud and bound to an account: Device status is online; displays username; allows to logout. b. For offline devices: Device status is offline, as before. c. For devices that have been added to cloud but haven't bound to an account: Displays a message: Network connected. Please scan the QR code to add the device; logout button is grayed out.
Deleted features	None	None

P03D2312(GIHOS-B2101.6.3.240129)：

Item	Feature	Description
Newly added features	None	None
Improved features	Prompts audio message once only	For mini 4G PTZs, after registering to the cloud, the subsequent restarts or restoring defaults will no longer prompt an audio message.
	Auto tracking	For mini PTZs, when auto tracking is restored, the PTZ speed changes from 1 to 3.
	Playback on app	When devices with storage function get online on the app, users can view playback and switch playback speeds: 1/4, 1/2, 1, 2, 4.
Deleted features	None	None

P08D2309(GIHOS-B2101.5.8.231024)：

Item	Feature	Description
Newly added features	Supports Agora	After the device is added to cloud on the app, the video startup speed on the app is shortened to 1s.
	Changed the companion App for distribution devices	1. The app has been changed to UNV-Link. 2. User is asked to use UNV-Link on the password retrieval page. 3. User is asked to download UNV-Link after scanning the QR code on the EZCloud page.
	Changed the streaming indicator status	The indicator light now is steady blue (previously blinking blue) when the device is streaming video.
	Download plug-in from cloud	User now downloads the plug-in on the Web interface from the cloud, not from Uniview official website.
	Supports PTZ rectification	1. Supports PTZ rectification in Web interface and App. 2. Supports two PTZ rectification modes: 1) Rectify manually--the camera starts rectification immediately after configuration; 2) Rectify automatically--the camera automatically performs PTZ rectification at a set time every day.

P06D2308(GIHOS-B2101.3.6.231007)：

Item	Feature	Description
	Password retrieval	For the first login, users need to fill in their mobile phone number (domestic) / e-mail (overseas), so they can retrieve password by generating a security code through scanning in App.
	Alarm sound trial	Supports alarm sound trial and configuring the alarm sound volume in Web interface.
	Human body detection	The human body detection box is a red hollow triangle. Added Custom and Day/Night Mode in alarm-triggered arming mode.
	Default encoding parameters	For sub-streams, H.265 and basic U-Code mode are enabled by default. The default resolution for sub-stream is 640*360 and users can also choose 704*288 and 352*288.
	Optimized storage function	1. Supports filter the playback by alarm type for playing and downloading in Web interface. 2. Supports scaling the playback timeline and scaling down to an hour. 3. During the SD card formatting process, the device no longer needs to be rebooted and users can perform other operations normally.
	Session timeout	1. Added session timeout configuration in Network Security > Access Policy. 2. When enabled, the Web interface will display a session timeout message after a session timeout occurs and then return to the login page in 3s. 3. When session timeout is disabled, the system will not check for session timeout, even if there's no user operation for a long time, and the Web interface will not display session timeout message.

	Encrypt import/export configuration file	1. When exporting the configurations in Maintenance, users need to set a password to encrypt the configuration file. The exported file is suffixed with _config. 2. When importing the configurations in Maintenance, users need to enter the password to decrypt the imported configuration file.
	UVShell login using admin account and password	1. When the admin password is changed in the Web interface, the level-1 password for login serial port or telnet is also changed. 2. U-boot uses the update config command and reset. The device will be restored to its factory settings and the password is restored to 123456. 3. For devices with manuinfo, before mware started, telnet is disabled by default and thus cannot connect to telnet. 4. For devices without manuinfo, telnet is enabled by default.
	Added functions related to EZCloud	1. For the first login and password change, a new page has been added to remind users whether to enable EZCloud and the related possible privacy risks. 2. Added reminder of the possible privacy risks of enabling cloud service in Setup > Network > EZCloud. 3. For overseas devices (excluding Wi-Fi devices and 4G devices used with App), EZCloud is disabled by default. For domestic and distribution devices, EZCloud is enabled by default. 4. For overseas devices, users are required to set a strong password after the first-time login. For domestic devices, users are allowed to set a weak password or keep the default password.
	Added indicator switch	Added Indicator Switch in App. When turned off, the indicator light on the device won't light up.
	Download plug-in through link	Supports downloading plug-in through a link to the official website in the Web interface. The plug-in is no longer included in the version.
	Added privacy mask in App	1. Supports privacy mask for IPC in App. When enabled, all settings related to the live view cannot be configured, including playback, recording, etc.. 2. When privacy mask is disabled, settings related to the live view can be configured.
	Optimized Web interface	1. Supports configuring image-related common parameters in Live View page. 2. Added common configuration entry in Basic Information. 3. Added Wi-Fi configuration page. Users can configure and connect the devices to Wi-Fi directly. 4. Added Stop PTZ Control After Timeout function. The PTZ will stop when the predefined timeout period is reached. 5. Added ARP Protection and IP Address Filtering function in Security.
	User number	Supports 1 administrator and 5 common users.

Deleted features	Optimized Web interface	1. Deleted DDNS and Port Mapping configuration page. 2. Deleted Region Enhancement and Media Stream configuration page. 3. Deleted smart alarm and common alarm configuration page. 4. Deleted Zoom OSD function. 5. Deleted PTZ Home Position and Pan/Tilt Limit function. 6. Deleted Scene Parameter configuration and Privacy Mask function. 7. Deleted Installation Methods configuration in Image > Engineering Parameters. 8. Deleted Port & External Devices configuration page. 9. Deleted Focus Parameter configuration function in Maintenance > Image.

3 Version Upgrade Precautions

1. Make sure the device is always connected to power throughout the upgrade process; otherwise, the upgrade may fail, and worse, the device may stop responding.

2.GIHOS-B2101.2.3.220905 and earlier When this version is upgraded to GIHOS-B2101.6.3.240129, you need to go to [Settings] - [Storage] - [SD Card] to enable the full overwrite function.

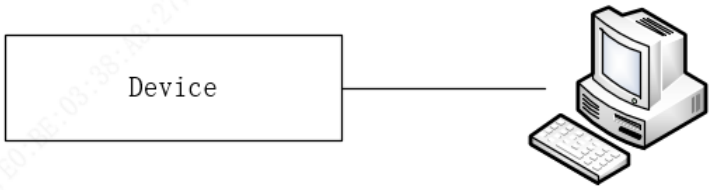
4 Version Upgrade Steps

4.1 Overview

4.1.1 Upgrade Environment

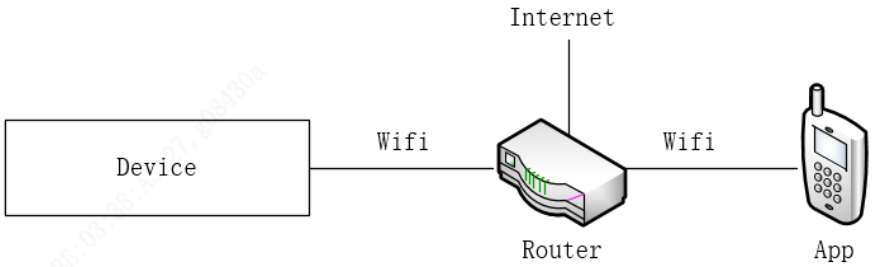
1. Networking Diagrams for PT Camera with Network Interface

Figure 4-1 Upgrade via Web



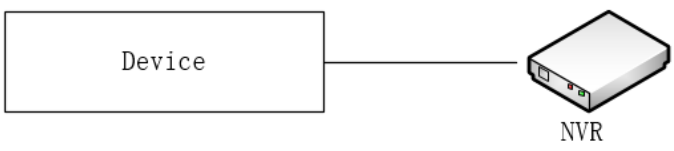
As shown above: The upgrade file is saved on the PC, and the camera is connected to the PC through a network cable.

Figure 4-2 Upgrade using App



As shown above: The upgrade file has been uploaded to EZCloud. The camera has been added in the app and is online.

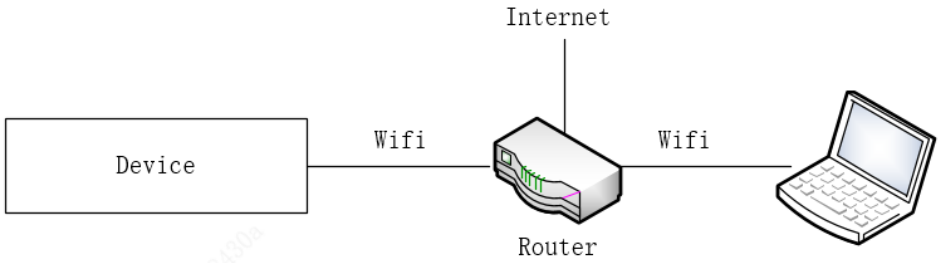
Figure 4-3 Upgrade from NVR



As shown above: The camera is connected to the NVR through a network cable. The camera has been added in the NVR via Uniview's private protocol and is online.

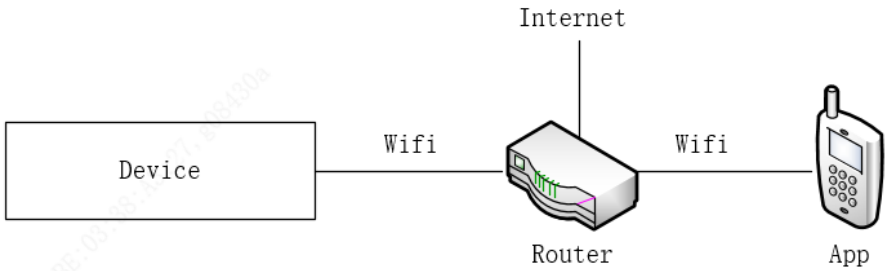
2. Networking Diagrams for PT Camera Without Network Interface

Figure 4-4 Upgrade via Web



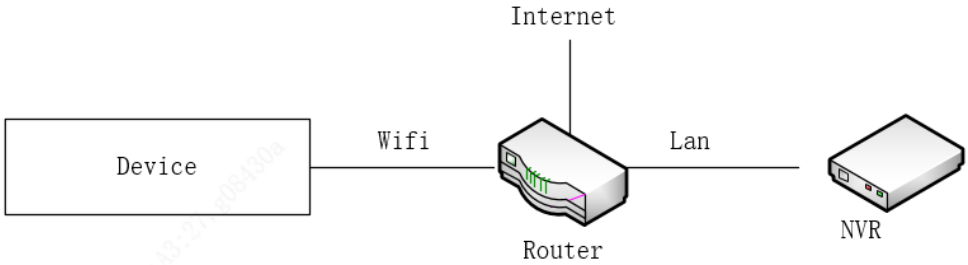
As shown above: The camera is connected to Wi-Fi using the app and is online. The camera and the PC are connected to the same Wi-Fi network.

Figure 4-5 Upgrade using App



As shown above: The upgrade file has been uploaded to EZCloud. The camera has been added in the app and is online.

Figure 4-6 Upgrade from NVR



As shown above: The camera is connected to Wi-Fi using the app. The NVR is directly connected to the router through a network cable. The camera is added in the NVR via Uniview's private protocol.

4.1.2 Upgrade Methods

Currently three upgrade methods are available: 1. Upgrade via Web 2. Upgrade using app via cloud 3. Upgrade from NVR

4.2 Upgrade Steps

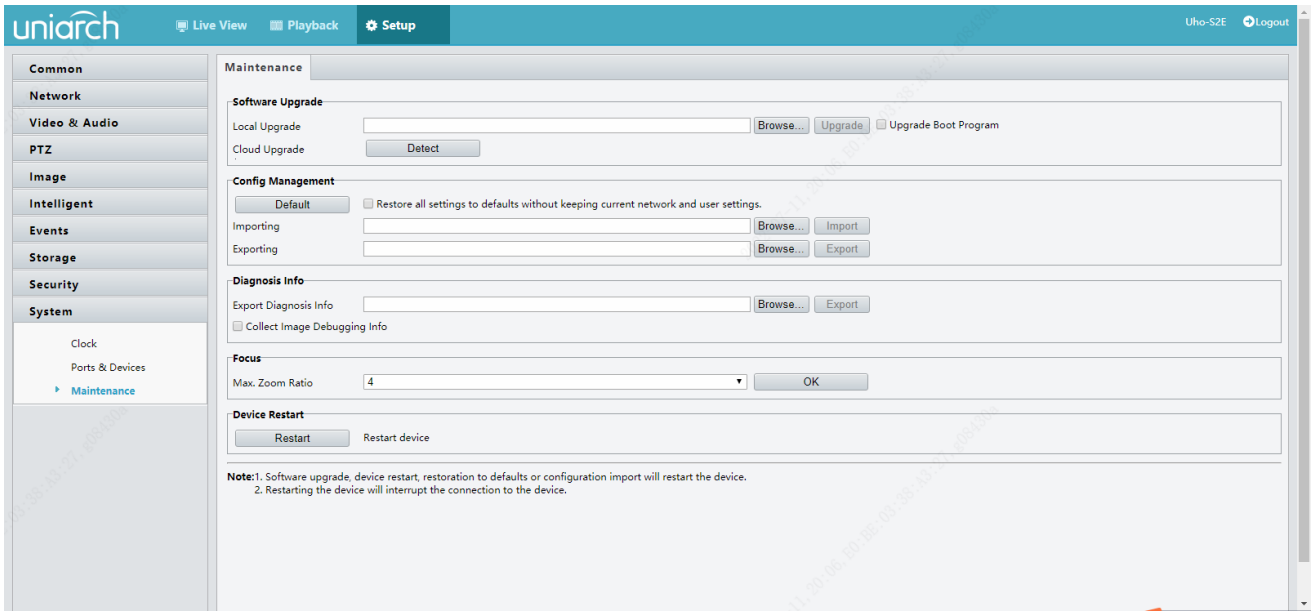
All PT cameras, with or without network interface, can be upgraded using the above three methods, and the upgrade steps are the same.

4.2.1 Upgrade via Web

1. Local Upgrade

1. Run IE as admin, and then log in to the camera's web interface.

2. Go to **System** > **Maintenance**, click **Browse**, choose the upgrade file (**GIHOS-B2101.X.X.XXXXXX.zip**), click **Upgrade**.



3. After the upgrade completes, the camera will reboot automatically, and you need to log in again.

2. Cloud Upgrade

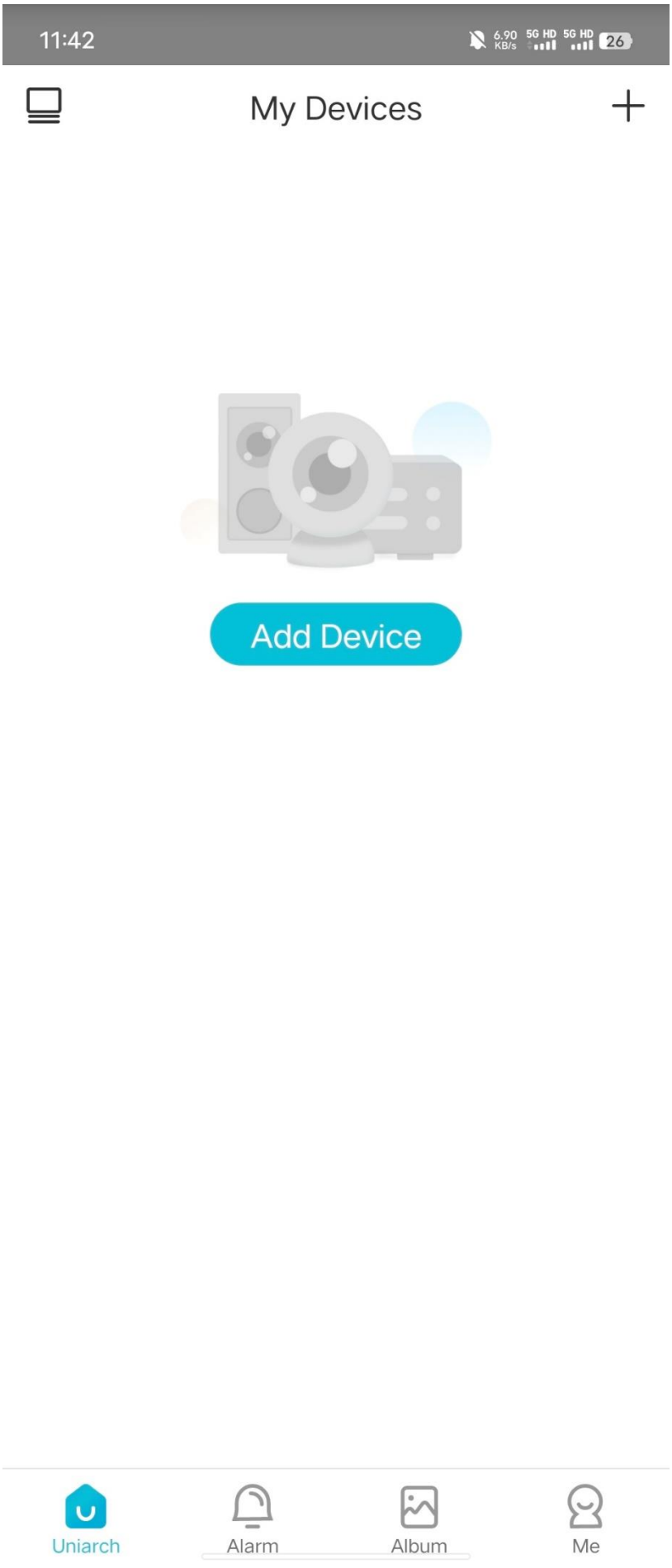
1. Run IE as admin, and then log in to the camera's web interface.

2. Go to **System** > **Maintenance**, click **Detect** to check for new versions. If a new version is detected, click **Upgrade**.

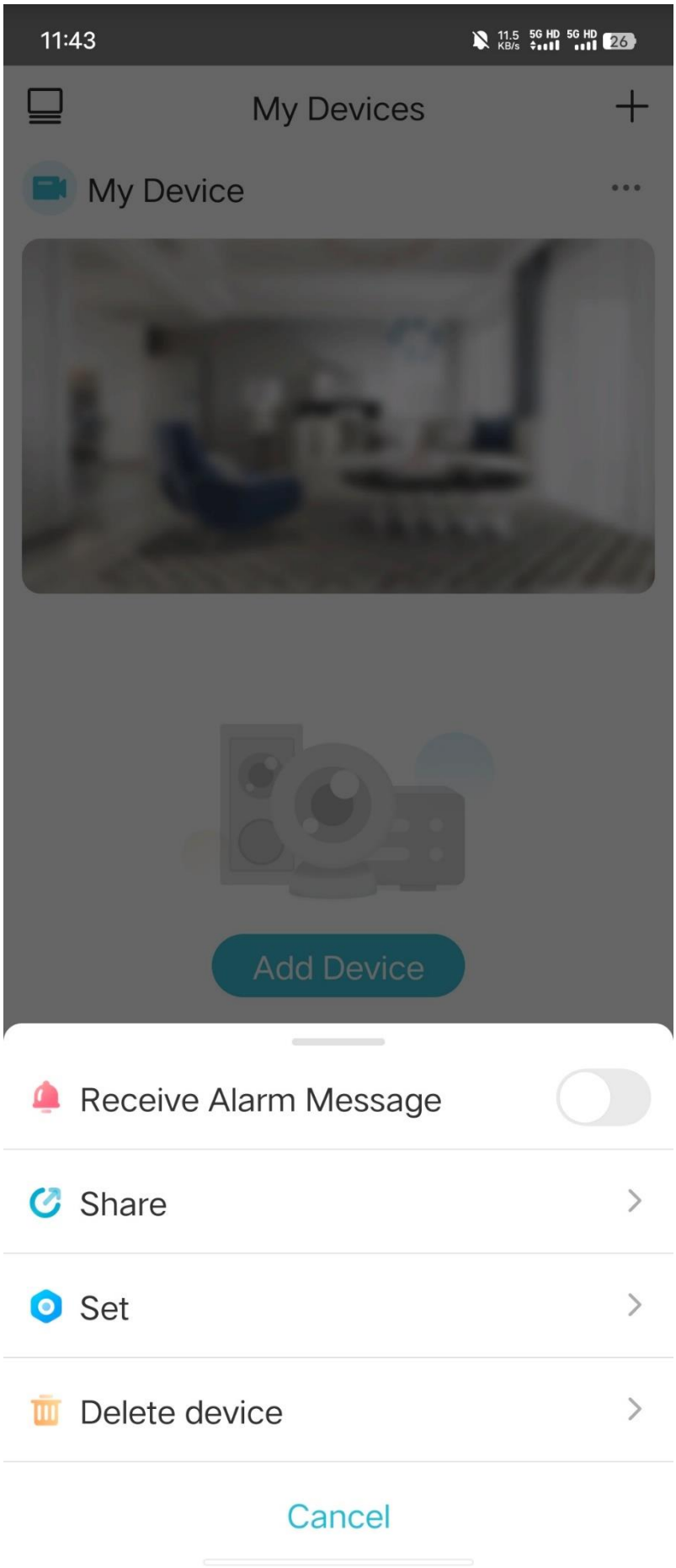
3. After the upgrade completes, the camera will reboot automatically, and you need to log in again.

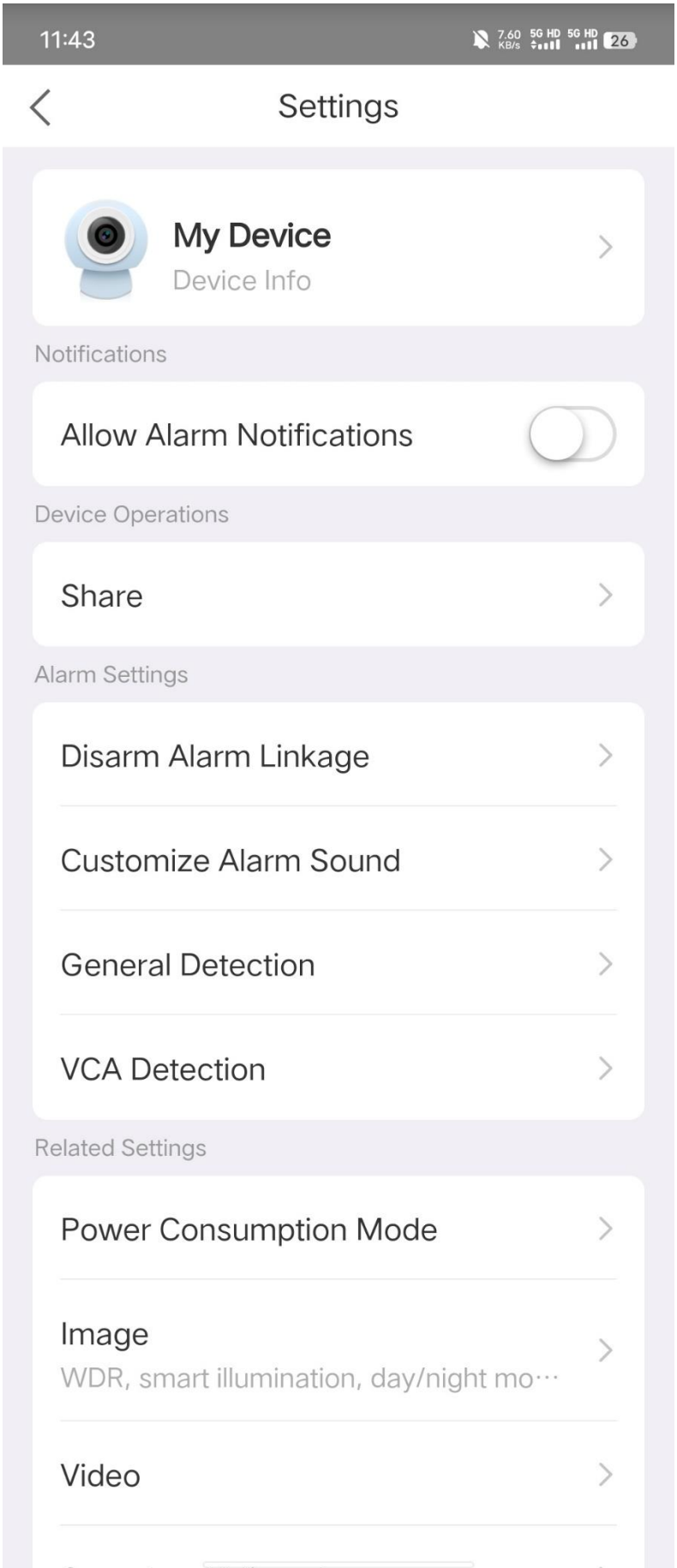
4.2.2 Upgrade Using App via Cloud

1. Start the app, click **'+'**, scan the two-dimensional code of the body, and then follow on-screen instructions to add the camera.

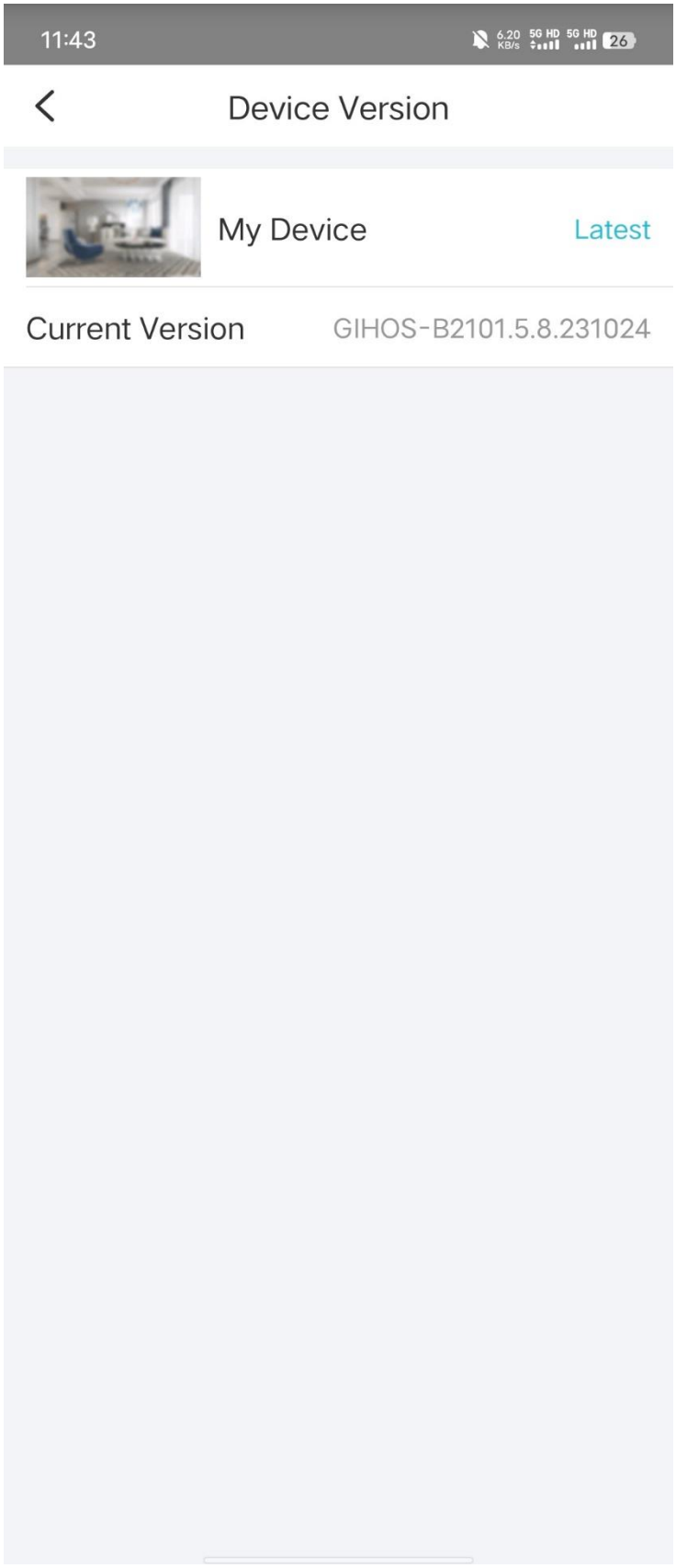

11:42
My Devices
Add Device
Uniarch
Alarm
Album
Me

2. Tap **…** on the home page, tap **Set**, tap **Device Info** to view device version.




11:43
Settings
My Device
Device Info
Notifications
Allow Alarm Notifications
Device Operations
Share
Alarm Settings
Disarm Alarm Linkage
Customize Alarm Sound
General Detection
VCA Detection
Related Settings
Power Consumption Mode
Image
WDR, smart illumination, day/night mo···
Video

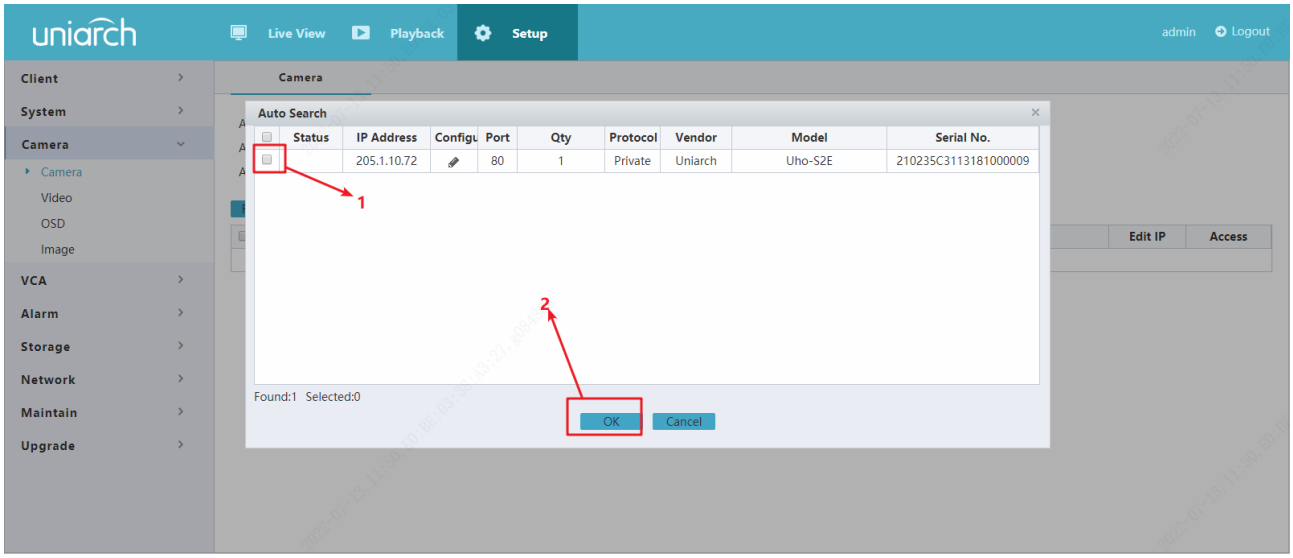
3. If a new version is available, tap **Device Version**, and the current version and the higher version are displayed. Tap **Start Upgrade**. The camera will reboot automatically after completing the upgrade.

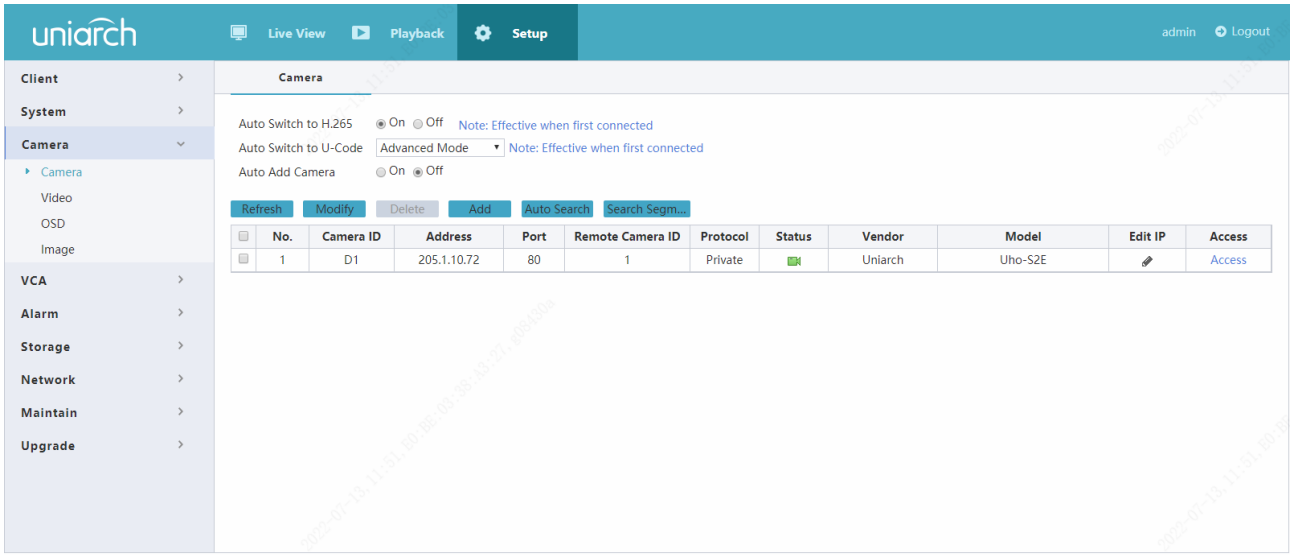


4.2.3 Upgrade from NVR

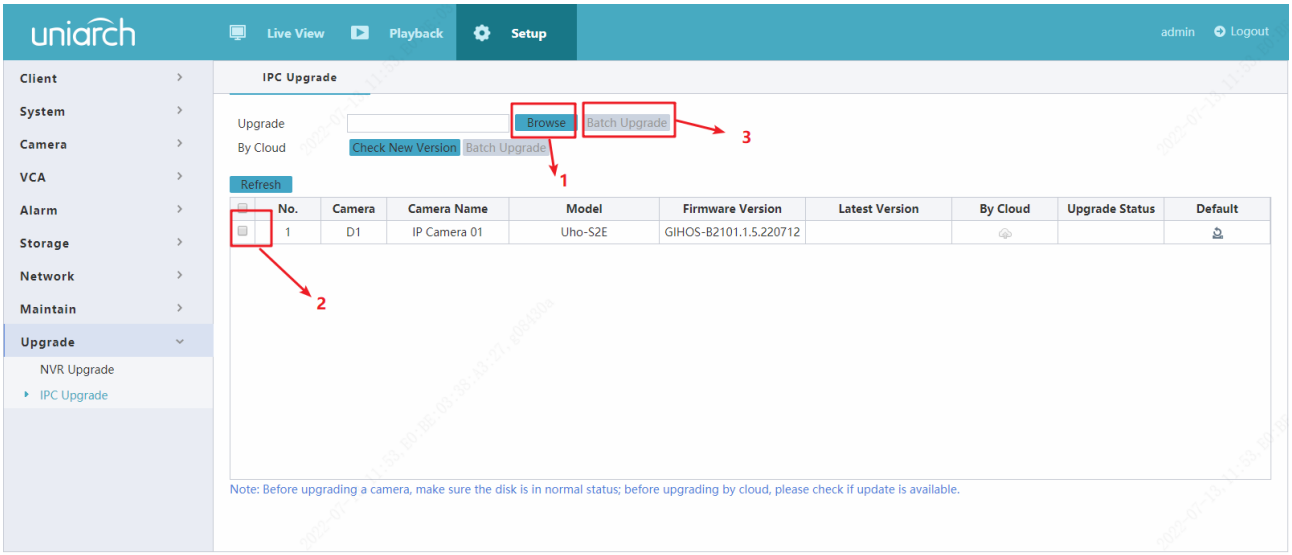
1. Local Upgrade

1. Log in to the NVR's web interface. Take NVR-116D as an example. Go to **Setup** > **Camera** > **Camera**. Use **Auto Search** to find and add the camera. The camera is added successfully.





2. Go to **Setup** > **Upgrade** > **IPC Upgrade**. Choose the upgrade file **GIHOS-B 2101.X.X.XXXXXX.zip**, select the camera you want to upgrade, and then click **Batch Upgrade**.



3. The camera reboots automatically after completing the upgrade.

2. Cloud Upgrade

Go to **Setup** > **Upgrade** > **IPC Upgrade**, click **Check New Version**. After a new version is detected, select the camera, and then click **Batch Upgrade**.

2. The camera reboots automatically after completing the upgrade.

5 Disclaimer

1. No matter which means you use to set up or install this program, it means you accept the following terms. Your downloading or using this program means you fully understand and accept the following terms. If you do not accept any of the following terms, you have no right to use the program, and you must stop the installation, uninstall and delete the program immediately.

2.The upgrade program provided is only applicable to the designated region and product model. Before start upgrading, please read the release notes carefully to check whether the program is suitable for your region and product model. All the negative consequences and maintenance costs arising from undesired system behaviors due to improper user operations shall be borne by user him/herself.

3. Uniview owns or legally authorizes all the use rights and intellectual property rights of this program and its accompanying release notes.

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6. You are not allowed to engage in the following activities, otherwise, you will be held responsible for all the adverse consequences arising therefrom:

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6.2 Use or transfer the program to a third party for purposes not described in this statement.
6.3 Modify the program or its derivative.
6.4 Reverse engineer, decompile, or disassemble the program.

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