

PTZ Camera V3.200.0000018.2.R. 240617

Release Notes

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1 Release Notes

1.1 Overview

Product name	PTZ Camera
Version	V3.200.0000018.2.R. 240617
Software package information	DH_SD-Taurus_Chn_PN_Stream2-ShuangShe_V3.200.0000018.2.R. 240617.zip DH_SD-Taurus_Chn_PN_Stream3-ShuangPin_V3.200.0000018.2.R. 240617.zip DH_SD-Taurus_Chn_PN_Stream3-Normal_V3.200.0000018.2.R. 240617.zip DH_SD-Taurus_Chn_PN_Stream3-ShuangPinPlus_V3.200.0000018.2.R. 240617.zip
OS requirement	None
Release date	July 30, 2024

1.2 New Features

No.	Feature Name	Feature Description	Supported Products
1	One-click arming and disarming	One-click arming and disarming revolutionizes the process of arming or disarming CCTV security systems, providing you with an efficient and convenient way to enable or disable alarm linkage actions with just a single click. With 3 different methods available, including device configuration, alarm input ports and DMSS, you have the flexibility to choose your preferred option for one-click arming and disarming.	All models
2	23 languages available for general PTZ cameras	None.	All oversea models

3	Devices that support line in and line out can trigger audio alarms. Additionally, perimeter protection can also be set up to trigger audio alarms.	None.	All models that support line in and line out
4	Redirect to the webpage of devices that are added to the platform through auto registration without login	None.	All models
5	Change the default video encoding to H.265	None.	All models
6	Update 4G/5G modules through webpage	4G/5G modules can be individually updated through webpage.	4G/5G products
7	Cancel PTZ life warning	None.	All models
8	The priority of idle motion is higher than that of smart presets.	The priority of PTZ control for smart presets is lowered. Idle motions will still be effective when performing intelligent detection on the smart presets.	All models
9	Functions in maintenance center	None.	All models
10	MP3 decoding	None.	All models that support line in and line out
11	Filter unlicensed vehicles by video metadata	You can configure a filter to exclude unlicensed vehicles from being reported during vehicle capture.	All models that support video metadata
12	Reduce the data traffic for event report	4G products support event-based subscription to reduce data consumption.	4G products

13	Send alarm events or images to a third-party server through HTTP push	HTTP push highlights a streamlined, efficient, and secure approach to data transmission across front-end, back-end and software products to the third party. With HTTP push, transmission on alarm events and images becomes rapid and effective.	All models
14	Face Beautifier 2.0	Enhance face snapshots and reduce facial noise.	All models that support face detection and video metadata
15	Face and shoulder cutout for non-motor vehicle snapshot	Enable to generate face and shoulder cutouts and report them when no human and shoulders are detected in the non-motor vehicle snapshots.	All models that support video metadata
16	When Warning Light on the live video page is manually turned on, the time is changed to the limit of 10 minutes. This means that the red and blue warning light or the white warning light will flash for 10 minutes and then automatically turn off. Alternatively, you can manually click the button to turn it off.	Previously, the warning light would automatically turn off after 10 seconds. Now, it has been extended to 10 minutes to address the issue of the warning light quickly turning off when used with DSS Pro.	All models that support warning light
17	Snapshot by location supports sending snapshots through email	Take snapshots and report them by email through linkage after the preset is called to the designated position.	All models

18	The 4G offline detection plan is enabled by default, and all detection methods apart from Ping are enabled	Optimize the offline detection for 4G products to automatically restore connectivity when there are network issues or recharge is needed due to outstanding balance.	4G/5G products
19	Optimize PTZ control	Reduce the time it takes to control the PTZ, improve response speed, and minimize user complaints.	All models
20	The number of times for linked audio alarms can be set from 1 to 10, with a default value of 1 time.	Previously, the duration was set, which could result in the audio being cut off halfway.	All models
21	Report device information through LLDP Add an LLDP switch to report basic device information such as serial number, model, and category through LLDP.	The device supports reporting information through LLDP.	All models
22	Optimize tracking target size	Optimize the calculation method and consider the percentage of the larger side (either width or height) as the basis.	All models that support tracking
23	AcuPick	None.	All 2 MP and 4 MP single-channel models
24	Automatic dialing for 4G products	4G is enabled by default. The device automatically dials in some public networks when SIM card is inserted after it is powered on.	4G products

25	Display the QR code on the device webpage or GUI to obtain the product documents	None.	All models
26	Auto patrol	When IVS is enabled, auto patrol is supported, which allows the PTZ camera to automatically move to a specified preset or perform scanning when a target triggers an IVS rule.	All single-channel models
27	High frame rate	Some 2 MP models support high frame rate, such as 50 frames per second in PAL mode and 60 frames per second in NTSC mode. For details, see the corresponding datasheet.	Some models that use a 4 MP sensor and downscale to 2 MP resolution may not support high frame rates.
28	Upgrade WizSense intelligence	Wizsense intelligence was upgraded.	Add working detection for 6CE and 6C3 series and add people counting for 5A, 50, 52C and PTZ52 series.

1.3 Fixed Bugs

None.

1.4 Compatibility

1.4.1 Program

None.

1.4.2 Browser

- IE: IE9 or later.
- Google Chrome: 41 or later.
- Firefox: 50 or later.
- Safari: 10 or later.

1.4.3 Third-party Access

1. CGI: V2.91.3.12.
2. ONVIF testing tool: V23.06
3. ONVIF: Supports Profile S, Profile G and Profile T.
4. MILESTONE testing tool: Xprotect Corporate 2023 R3,device pack 13.0a

1.5 Software Environment

Category	Model	Version
Platform	SmartPSSLite	General_SmartPSSLite_Eng_Win64-Install_IS_V1.003.0000002.0.R.221228.zip
NVR	DH-NVR5864-I/L	V4.002.0000000.1
Client	SmartPSS	V2.002.0000007.0.R.181023
	Imou	Latest version in the app store
Tool	Player	V4.000.0000000.5.F01.R.20180515
	ConfigTool	V5.000.0000001.8.R.20210625
Keyboard	NKB1000	V2.620.0000000.0.R.20180115
DSS	NKB5000	V3.211.10SA000.1.R.181204
	DSS-C9100	V1.2.1.2110.R.211215
	ICC-B8900	V5.000.0000009.4.R
	DSS-H8900	V3.001.0000001.7.R.20190131
	DSS-T9100	V3.008.0000004.4.R.190322
IVSS	IVSS708	V2.004.0000000.0.R

1.6 Pending Issues

None.

2 Update Guide

2.1 Introduction

This section introduces how to update the PTZ camera to the latest version. The update methods include updating by ConfigTool and DMSS app, through local update package, and cloud update on the webpage.

2.2 Preparation

Before the update, please ensure that the following conditions are met.

- Update by ConfigTool: The device can work normally; the computer is installed with ConfigTool; the device is on the same network as the computer; the update package is ready.
- Update by local package: The device can work normally; the device is on the same network as the computer that is used to log in to the webpage; the update package is ready.
- Cloud update on the webpage: The device can work normally, and the device is on the same network as the computer that is used to log in to the webpage.
- Update by DMSS app: The device can work normally; the mobile phone is installed with DMSS app; the device is added to DMSS app.



- Decompress the program package before the update, otherwise the tool might not find the bin file to be updated.
- Check whether the device model and program version are correct before the update.

2.3 Instructions

2.3.1 Updating by ConfigTool

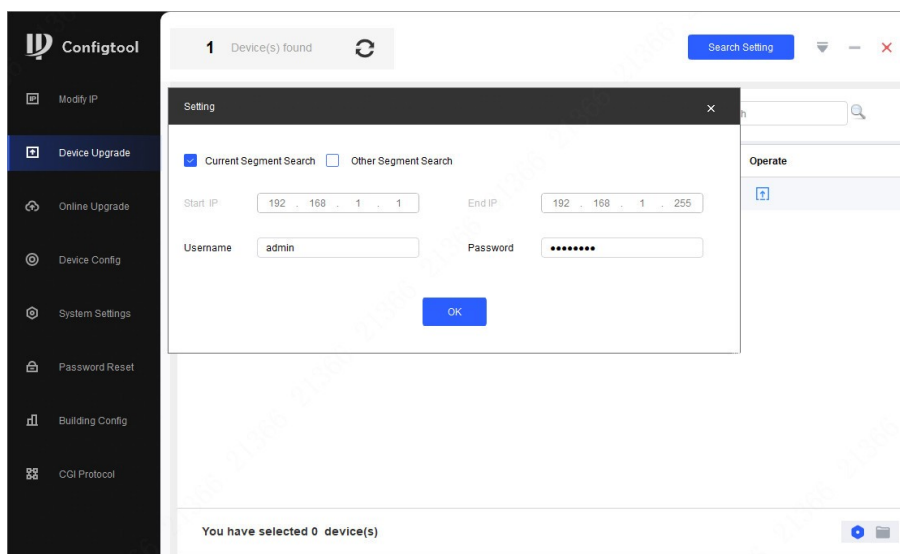
2.3.1.1 Updating One by One

Use this update method when you need to update a single device.

Step 1 Open ConfigTool, and then select **Device Upgrade**.

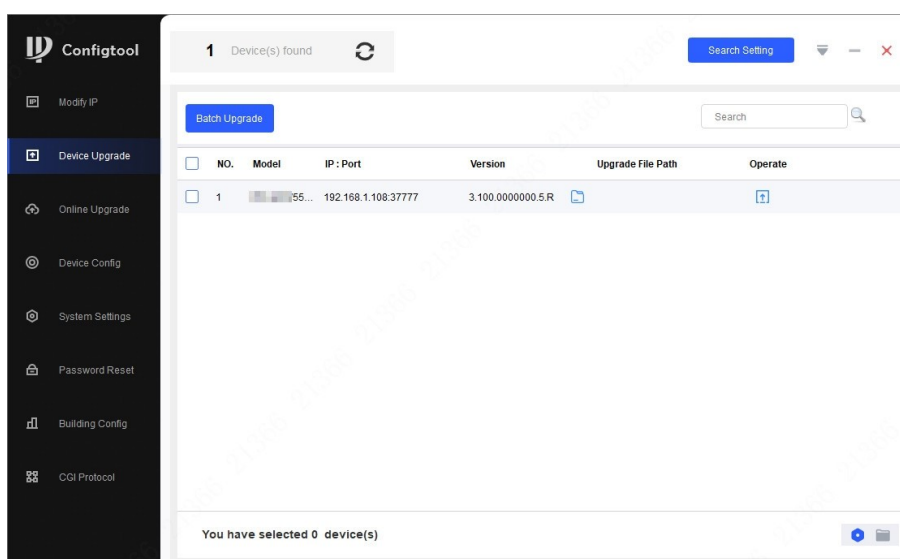
Step 2 Click **Search Setting** to set the search conditions.

Figure 2-1 Set search conditions



Step 3 Select **Current Segment Search**, change the password to the PTZ camera password, and then click **OK**.

Figure 2-2 View search result



Step 4 Click  next to the device to be updated, and then select the update file.

Step 5 Click  to start to update the system.

The device automatically restarts after the update is complete.



If the system update fails, check the prompt on the ConfigTool to see the reason.

Step 6 After the device restarts, check the system version.

If the version is the same as the software version of the update package, it means the update is successful.

2.3.1.2 Updating in Batches

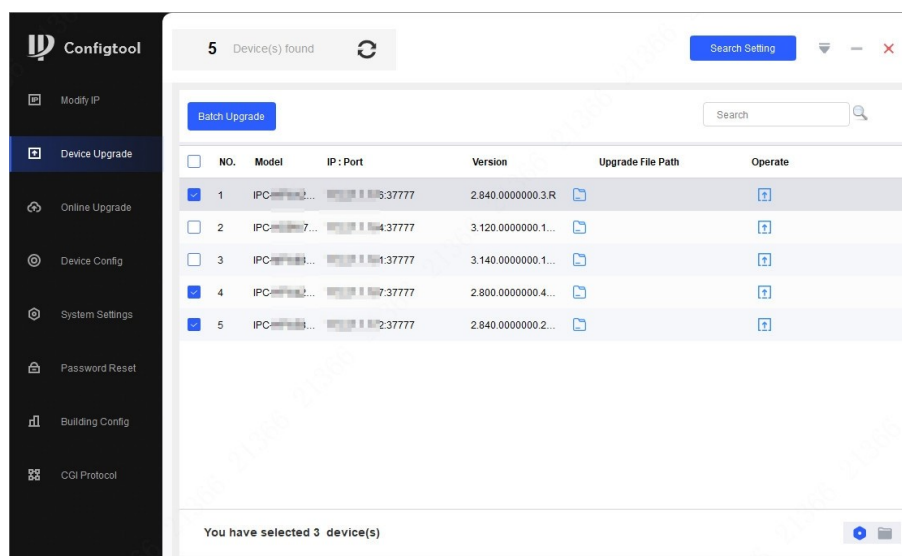
Use this method when you need to update multiple devices to the same software version.

Step 1 Open ConfigTool, and then select **Device Upgrade**.

Step 2 Click **Search Setting** to set the search conditions.

Step 3 Select **Current Segment Search**, change the password to the PTZ camera password, and then click **OK**.

Figure 2-3 View search result



Step 4 Select the devices to be updated, and then click **Batch Upgrade**.



The selected devices must be updated to the same software version.

Step 5 Click **Browse** to select the update package.

Step 6 Click **OK** to start to update the system.

The device automatically restarts after the update is complete.



If the device update fails, update again in the following ways.

- Check whether the update file is correct. If the update file is incorrect, change the file to the correct one before the update.
- Restart ConfigTool, and log in to this tool again to update the device.
- We recommend you use the latest version of ConfigTool.

Step 7 After the device restarts, check the system version.

If the version is the same as the software version of the update package, it means the update is successful.

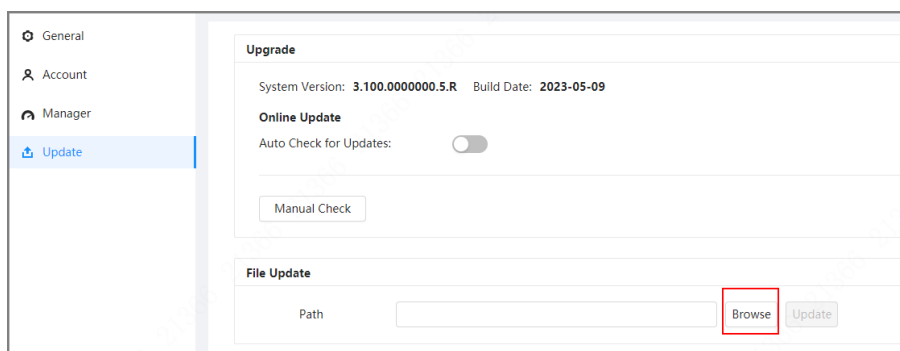
2.3.2 Updating through the Webpage

Procedure

Step 1 Log in to the webpage of the device.

Step 2 Select **Settings** > **Maintenance Center** > **Update** to enter the system update page.

Figure 2-4 System update



Step 3 Click **Browse**, select the *.bin file, and then click **Update**.

Do not cut off the power supply during the update process. The device automatically restarts when the update is complete.

Step 4 After the restart, you are redirected to the login page for you to log in to the device again.

Check the program version. If the version is the same as the software version of the update package, it means the update is successful.

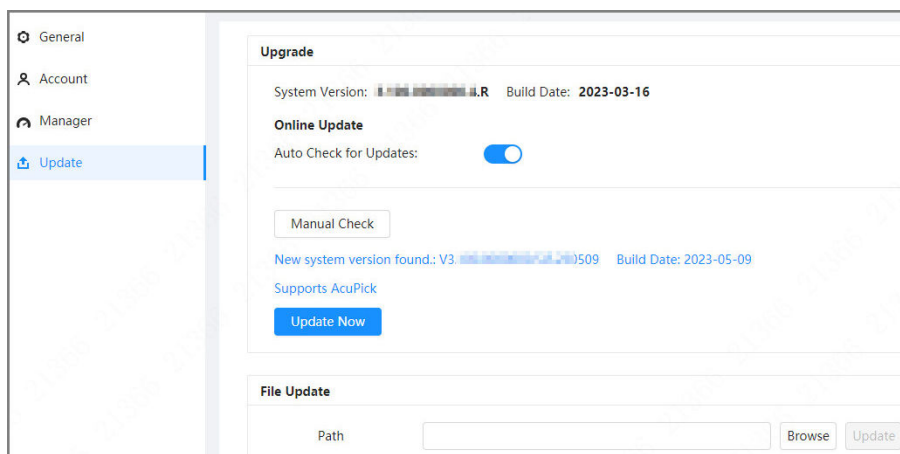
2.3.3 Cloud Update through the Webpage

Procedure

Step 1 Log in to the webpage of the device.

Step 2 Select **Settings** > **Maintenance Center** > **Update** to enter the system update page.

Figure 2-5 System update



Step 3 Click **Manual Check**.

Select **Auto Check for Updates**, and when a new version is available, the device automatically detects it.

Step 4 If a new version is available, click **Update Now**. The system downloads the version file and starts the update process.

Step 5 After the restart, you are redirected to the login page for you to log in to the device again.

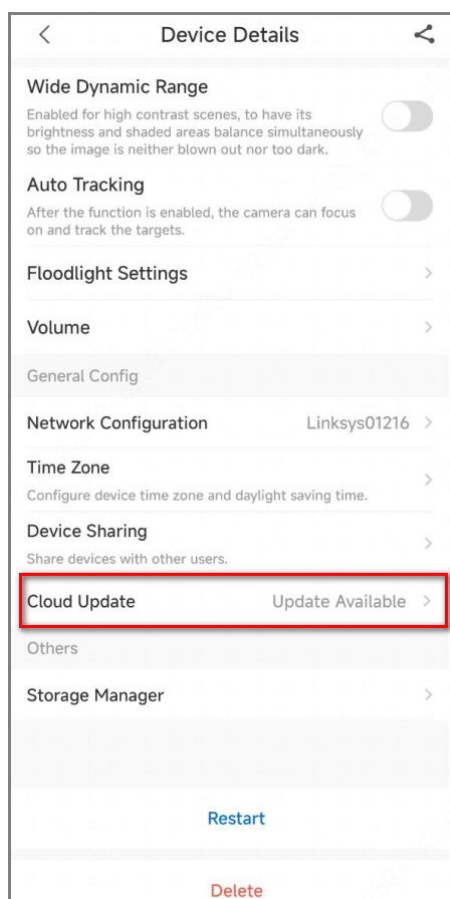
Check the program version. If the version is the same as the software version of the update package, it means the update is successful.

2.3.4 Cloud Update through DMSS

Procedure

- Step 1 Log in to DMSS app.
- Step 2 Select the device that you want to update. Tap the device to enter the **Device Details** screen.
- Step 3 Tap **Device Program Version** to enter the update screen.

Figure 2-6 Update screen



- Step 4 Tap **Update** to start updating the system.
Do not cut off the power supply during the update process, and ensure that the network connection is normal.
The device automatically restarts and connects to the router when the update is complete.
- Step 5 Check the program version after the device restarts. If the version is the same as the software version of the update package, it means the update is successful.

2.4 Checking for Update Success

No matter which method is used, log in to the system again after the update is complete to check whether the version is correct.

