

# **Batch Mode Tool User's Manual**

**V1.0.0**

## Important Safeguards and Warnings

Please read the following safeguards and warnings carefully before using the product in order to avoid damages and losses.

Note:

- Do not expose the device to lampblack, steam or dust. Otherwise it may cause fire or electric shock.
- Do not install the device at position exposed to sunlight or in high temperature. Temperature rise in device may cause fire.
- Do not expose the device to humid environment. Otherwise it may cause fire.
- The device must be installed on solid and flat surface in order to guarantee safety under load and earthquake. Otherwise, it may cause device to fall off or turnover.
- Do not place the device on carpet or quilt.
- Do not block air vent of the device or ventilation around the device. Otherwise, temperature in device will rise and may cause fire.
- Do not place any object on the device.
- Do not disassemble the device without professional instruction.

Warning:

- Please use battery properly to avoid fire, explosion and other dangers.
- Please replace used battery with battery of the same type.
- Do not use power line other than the one specified. Please use it properly. Otherwise, it may cause fire or electric shock.

## Special Announcement

- This manual is for reference only.
- All the designs and software here are subject to change without prior written notice.
- All trademarks and registered trademarks are the properties of their respective owners.
- If there is any uncertainty or controversy, please refer to the final explanation of us.
- ☐ Please visit our website for more information.

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# 1 Overview

## 1.1 Overview

Batch Mode Tool is mainly used to batch modify IP address of Dahua device, modify password, update software, add white/black list, to improve Dahua device's config and maintenance efficiency.

## 1.2 Homepage

Open Batch Mode Tool, see Figure 1-1.

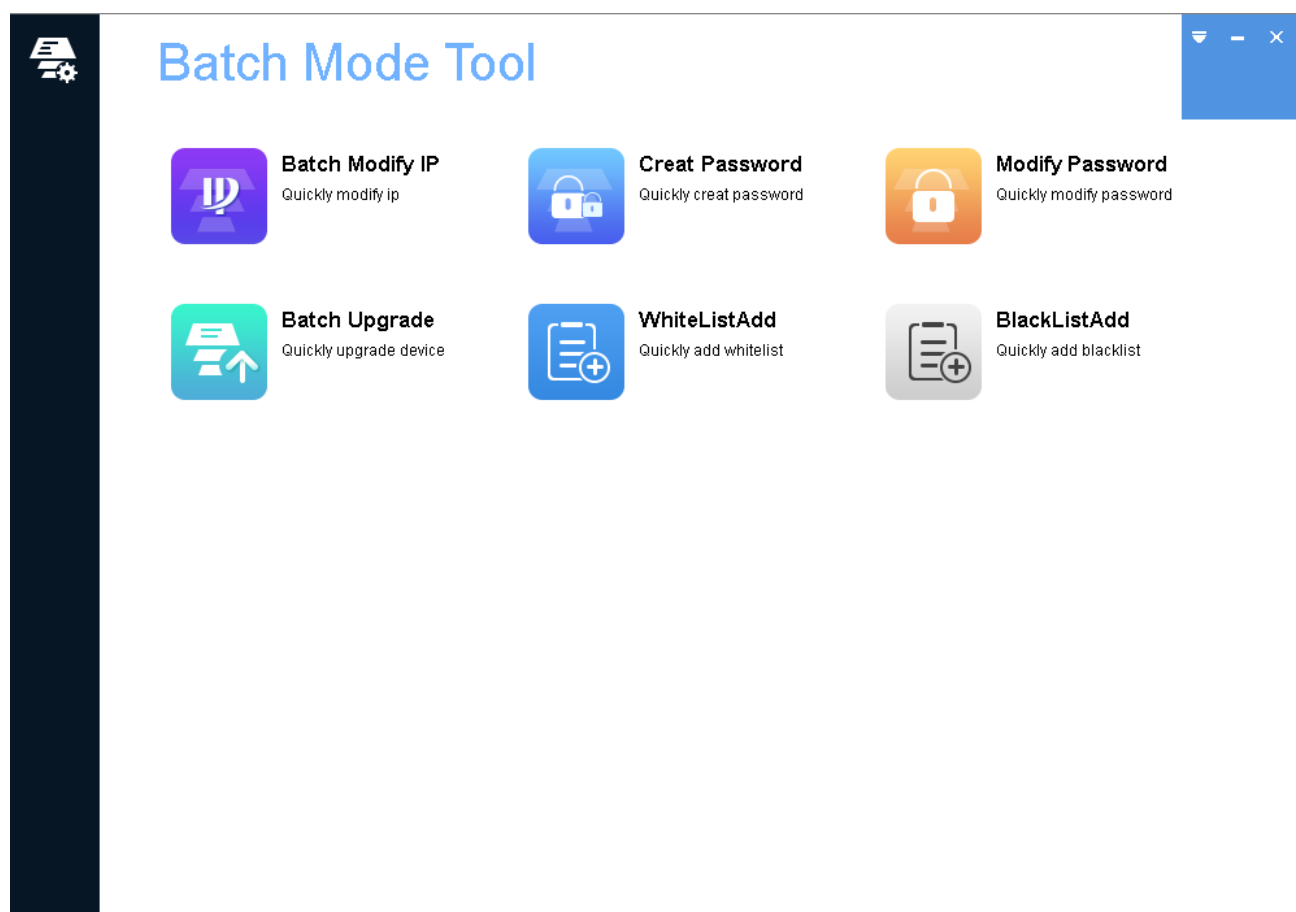


Figure 1-1

## 2 Daily Operation

### 2.1 Batch Modify IP Address

Via batch modifying IP address, you can set device IP address according to actual network.

#### Background

- Template file (BatchTemplate.xlsx) must be opened and edited in Excel.
- When you use template file to set device, do not operate template file.
- When you delete record in file, you must select the corresponding row, and right click Delete.

#### Steps

Step 1. Fill in template file Batch Template.xlsx.

- a) In directory of the tool, obtain and open template file.
- b) Select batch modify IP tab, fill in parameter, see Chart 2-1.

Parameter	Note
IP Address	Device IP address.
Port	Device port.
Username	Device login username.
Password	Device login password.
Target IP Address	Device new IP address.
Target Subnet Mask	Device new subnet mask
Target Gateway	Device new gateway

Chart 2-1

- c) Save and close template file.

Step 2. Open and batch config tool.

Step 3. Click Batch Modify IP.

Step 4. Fill in template file, click Open.

System starts to modify device IP.

After IP is modified, system pops up box, click OK. You can open template file and view result of this batch IP modification.

## 2.2 Modify Password

Via batch modifying password, you can quickly modify device default password or periodically modify password.

### Background

- Template file (BatchTemplate.xlsx) must be opened and edited in Excel.
- When you use template file to set device, do not operate template file.
- When you delete record in file, you must select the corresponding row, and right click Delete.

### Warning:

**After you modify password, please well keep the password. If you lost device password, you can click Reset button on device to reset default settings.**

### Steps

Step 1. Fill in template file Batch Template.xlsx.

- In directory of the tool, obtain and open template file.
- Select batch modify password tab, fill in parameter, see Chart 2-2.

Parameter	Note
IP Address	Device IP address
Port	Device port.
Username	Device login username
Old Password	Device login password

Chart 2-2

- Save and close template file.

Step 2. Create device password.

- Open Batch Mode Tool.
- Click Create Password.
- Fill in template file, click OK. See Figure 2-1.

Figure 2-1

- d) Set password length and check password composition. We recommend a password to include capital/letter, special character and number.
- e) Click OK. System starts to create device password. When it is done, a box pops up and click OK. You can open template file to view new password.

Step 3. In Batch Operation Mode, click Modify Password.

Step 4. Select template with password you created, click Open.

System starts to modify device password. When password is modified, in pop-up box, click OK. You can open template file to view result.

## 2.3 Batch Update Device

Via batch modifying update, you can quickly update device software.

### Background

- Template file (BatchTemplate.xlsx) must be opened and edited in Excel.
- When you use template file to set device, do not operate template file.
- When you delete record in file, you must select the corresponding row, and right click Delete.

### Warning:

- When updating device, device will reboot, so preview, recording and other operation will be interrupted, please select appropriate time to update device.
- When updating device, please make sure update file is correct.

## Condition

You have obtained the correct software version.

## Steps

Step 1. Fill in template file BatchTemplate.xlsx.

- a) In Batch Mode Tool directory, obtain and open template file.
- b) Select Batch Update, fill in parameter, see Chart 2-3.

Parameter	Note
IP Address	Device IP address
Port	Device port
Username	Device login username
Password	Device login password.
Update File Path	File path

Chart 2-3

- c) Save and close template file.

Step 2. Open batch mode tool.

Step 3. Click Batch Upgrade.

Step 4. Select complete template file, click Open. During device upgrading, device will reboot, please select appropriate time to upgrade device.

When upgrading is done, in pop-up box, click OK.

You can view result.

## 2.4 Add White List

Via adding white list, you can quickly add valid IP segment or IP address in the white list of device. Only device in white list can access the device.

## Background

- Template file (BatchTemplate.xlsx) must be opened and edited in Excel.
- When you use template file to set device, do not operate template file.
- When you delete record in file, you must select the corresponding row, and right click Delete.

## Steps



Step 1. Fill in template file BatchTemplate.xlsx.

- a) In batch mode tool directory, obtain and open template file.
- b) Select Add White List, fill in parameter, see Chart 2-4.

Parameter	Note
IP Address	Device IP address
Port	Device port
Username	Device login username
Password	Device login password
SectionX_S	Fill in IP segment or IP address to add in white list.  <i>X range is 1~6, SectionX_S and SectionX_E shall be used as a pair, when SectionX_E and SectionX_E IP address are the same, means to add this IP address into white list.</i>  Device supports to add up to 6 segments.
SectionX_E	

Chart 2-4

- c) Save and close template file.

Step 2. Open batch mode tool.

Step 3. Click Add White List.

Step 4. Select complete template file, click Open.

System starts to add white list.

In pop-up box, click OK. You can view result.

## 2.5 Add Black List

Via adding black list, you can quickly add invalid IP segment or IP address in the black list of device. Device in black list cannot access the device.

### Background

- Template file (BatchTemplate.xlsx) must be opened and edited in Excel.
- When you use template file to set device, do not operate template file.
- When you delete record in file, you must select the corresponding row, and right click Delete.

### Steps

Step 1. Fill in template file BatchTemplate.xlsx.

- a) In batch mode tool directory, obtain and open template file.
- b) Select Add Black List, fill in parameter, see Chart 2-4.

Parameter	Note
IP Address	Device IP address
Port	Device port
Username	Device login username
Password	Device login password
SectionX_S	Fill in IP segment or IP address to add in black list.  <i>X range is 1~6, SectionX_S and SectionX_E shall be used as a pair, when SectionX_S and SectionX_E IP address are the same, means to add this IP address into black list.</i>  Device supports to add up to 6 segments.
SectionX_E	

Chart 2-5

- c) Save and close template file.

Step 2. Open batch mode tool.

Step 3. Click Add Black List.

Step 4. Select complete template file, click Open.

System starts to add black list.

In pop-up box, click OK. You can view result.

**Note:**

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