

ARCConfigTool User's Manual (Windows Version)

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.

Table of Contents

1	Product Overview.....	1
2	Installation and Uninstallation.....	2
2.1	Install.....	2
2.2	Uninstall.....	4
3	Daily Operation.....	6
3.1	Login ARCConfigTool.....	6
3.2	Add Device.....	7
3.2.1	Search to Add.....	8
3.2.2	Manually Add.....	10
3.3	Modify IP.....	11
3.3.1	Modify IP.....	11
3.3.2	Batch Modify IP.....	12
3.4	Configure System Info.....	13
3.4.1	Time Sync.....	13
3.4.2	Reboot.....	14
3.4.3	Default.....	16
3.5	Upgrade Device.....	17
3.5.1	Single Upgrade.....	17
3.5.2	Batch Upgrade.....	19

1 Product Overview

ARConfigTool is a system tool, mainly serves alarm controller device with the following functions

- Batch modify IP address of alarm controller device.
- Batch remotely upgrade alarm controller device.
- Batch sync time, reboot setup and restore default of alarm controller device.

2 Installation and Uninstallation

This chapter introduces how to embed ARCConfigTool into ConfigTool or delete it from ConfigTool.

2.1 Install

Pre-installation Conditions:

- You have installation pack of ConfigTool and ARCConfigTool. If not, please contact after-sales for support.
- You have installed ConfigTool software. If not, please refer to *ConfigTool User's Manual*.

Step 1. Double click . System pops up login interface, see Figure 2-1.

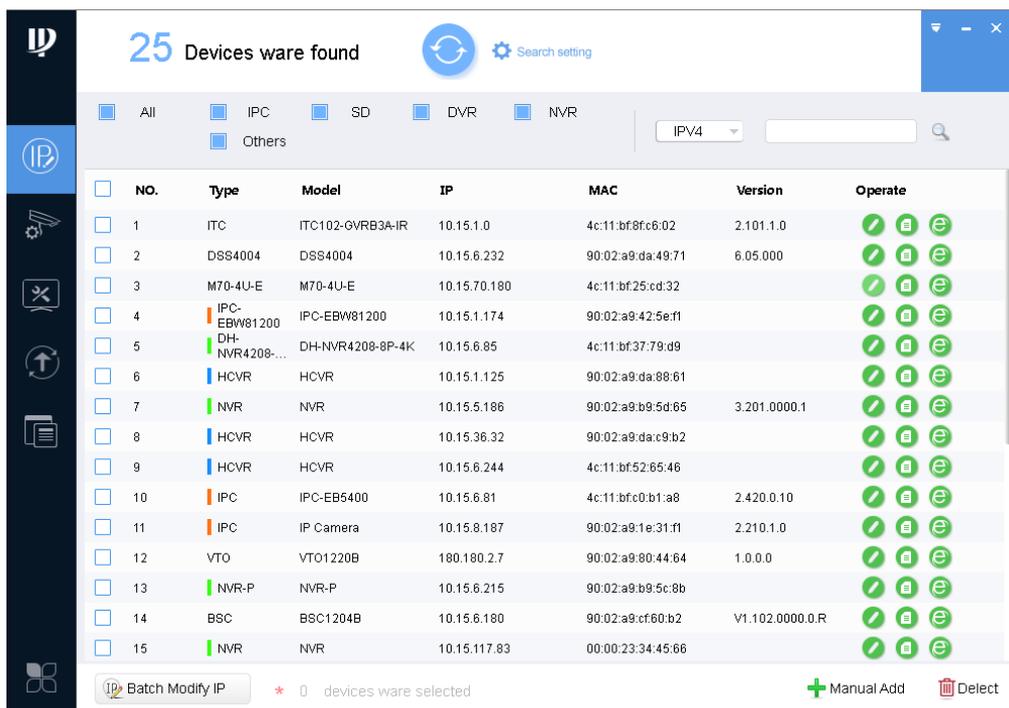


Figure 2-1

Step 2. Click . System shows Package Center, see Figure 2-2.

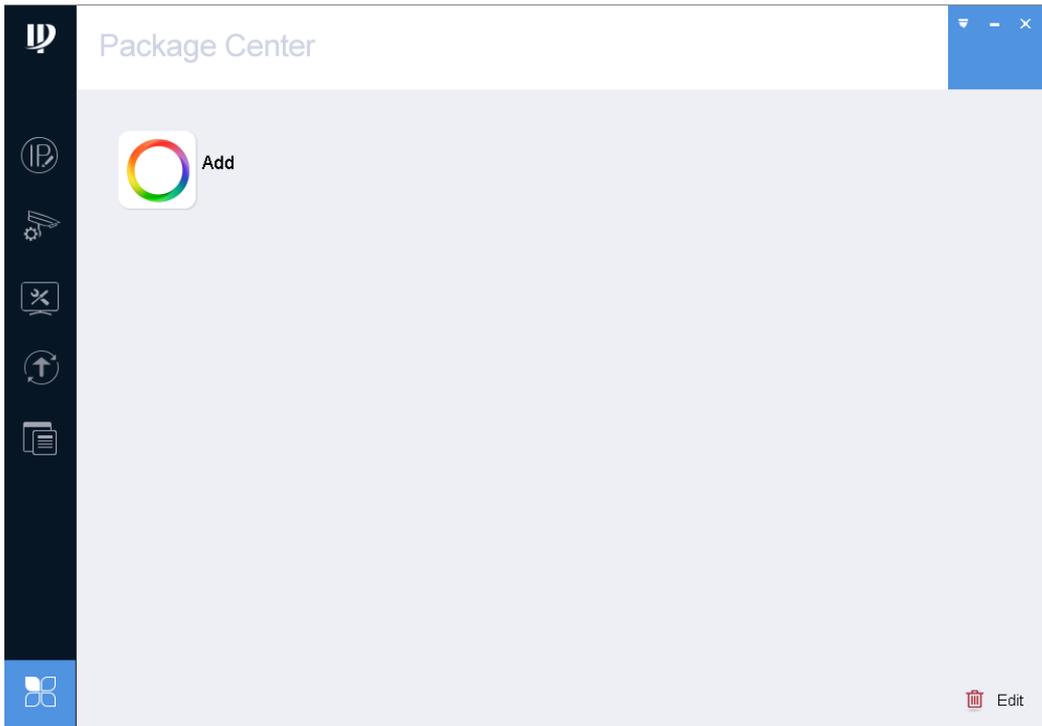


Figure 2-2

Step 3. Click Add. System shows Open interface, see Figure 2-3.

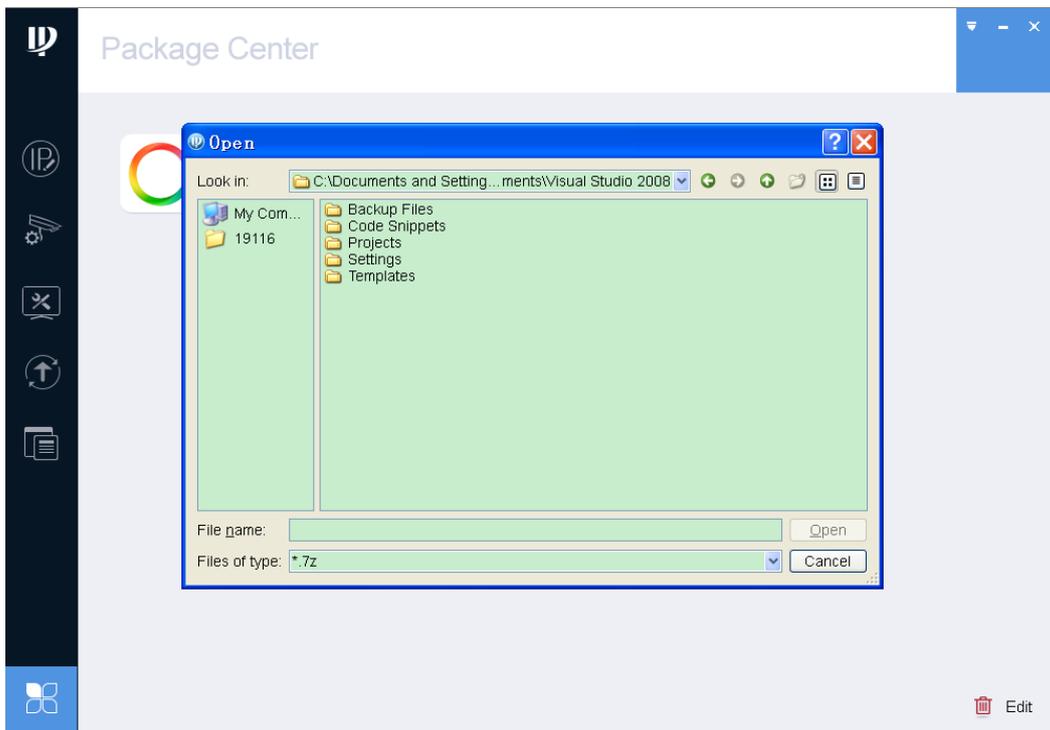


Figure 2-3

Step 4. Select file, click Open.

System prompts you to install, see Figure 2-4.

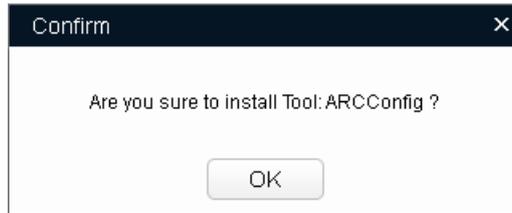


Figure 2-4

Step 5. Click OK. System starts to install App, and when installation is complete, App icon becomes colorful, see Figure 2-5.

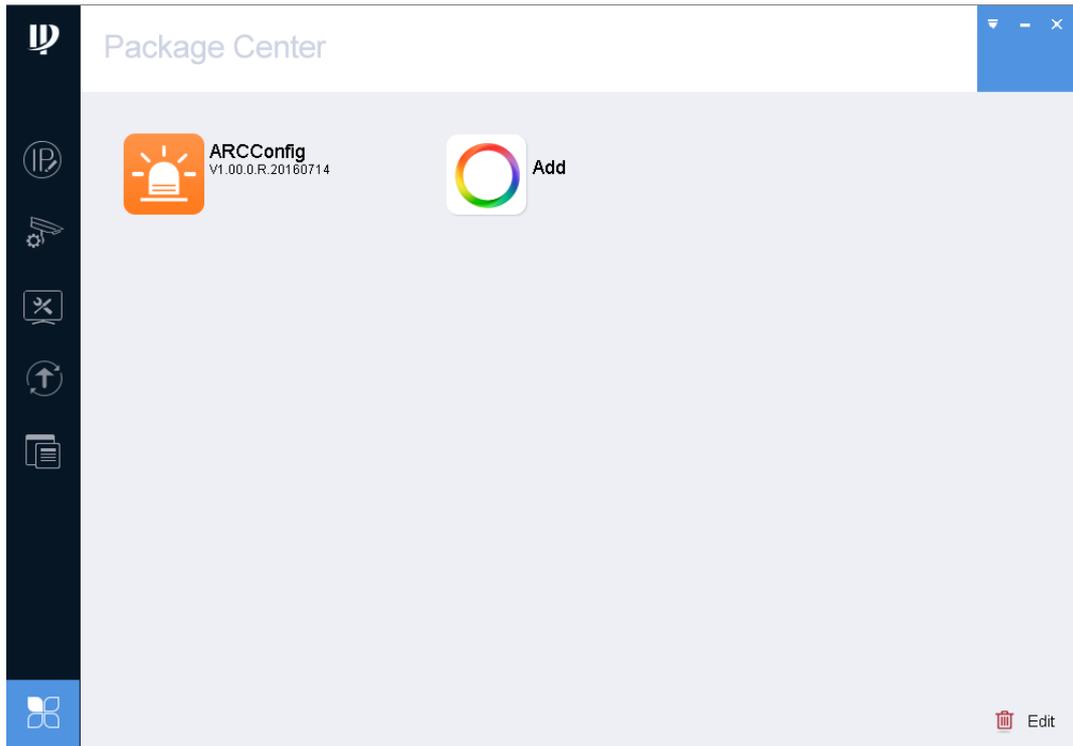


Figure 2-5

2.2 Uninstall



Step 1. Double click  on desktop, system shows login interface, see Figure 2-1.



Step 2. Click , system shows Package Center interface, see Figure 2-5.



Step 3. Click , system shows delete button, see Figure 2-6.

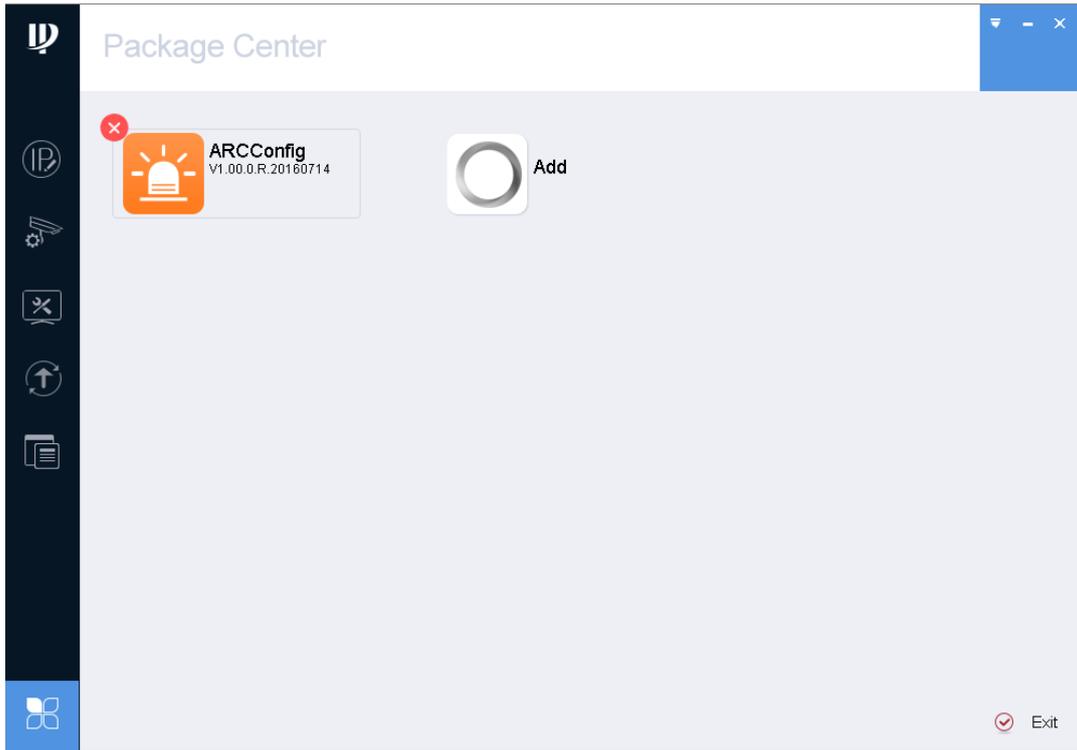


Figure 2-6

Step 4. Click , and confirm by clicking OK in the pop-up box, see Figure 2-7.

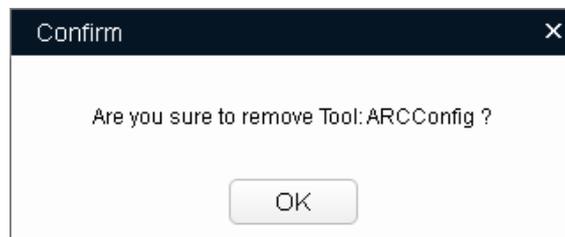


Figure 2-7

Step 5. Click OK to delete tool.

3 Daily Operation

3.1 Login ARConfigTool

You can login ARConfigTool via any of the following two methods:

- Unzip ARConfigTool package, double click  ARConfig.exe in the package, system shows login interface, see Figure 3-1.
- Login CinfoTool, in Package Center, click , system shows login interface, see Figure 3-1.

Note:

- If there is no  in Package Center, please refer to Ch 2.1.
- Login ARConfigTool, you can automatically search device within the same segment.

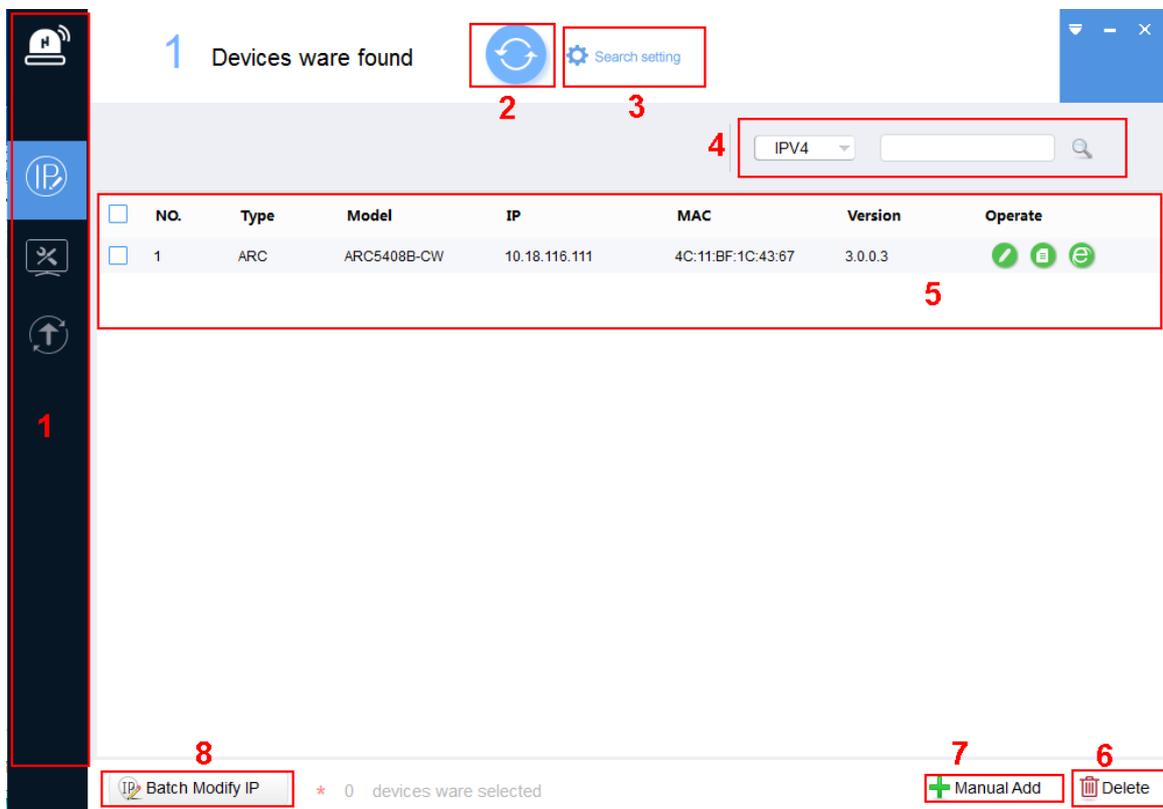


Figure 3-1

No.	Function	Description
1	Menu	<p>It includes the following four tabs:</p> <p>: one by one or batch modify device IP.</p> <p>: set system time, auto reboot or manually reboot, and restore default settings.</p> <p>: upgrade device one by one or as batch.</p>
2	Refresh	Search device again.
3	Search Setting	<p>Search for device by IP.</p> <p>Warning: Before you modify IP, configure system or update device, modify “username” and “password” to be the login username and password which you used to login device.</p>
4	Filter	Quickly filter device (by type, IP, model, MAC address, version)
5	Device List	<p>It shows searched device and device info, including type, model, IP, MAC and version. In Operation list, click  to view device details. Click  to quickly open device WEB config interface. Click  to modify device IP.</p>
6	Delete	Delete device you do not need in the device list.
7	Manual Add	Manually add device by IP.
8	Batch Modify IP	Modify more than one device IP at the same time.

Chart 3-1

3.2 Add Device

Search device or manually add device, and show result in the device list. You can upgrade, configure system and etc.

Warning:

Please make sure the network is well connected between device and PC where ARConfigTool is installed, otherwise device will not be searched by ARConfigTool.

3.2.1 Search to Add

3.2.1.1 Auto Search

Every time login ARConfigTool, ARConfigTool automatically searches device, and it shows searched device in list, see Figure 3-2.

Note:

- If it is your first time using ConfigTool, you shall be aware that device search is performed within the segment same with PC by default.
- Click , search device again, and update device list info.
- You can filter searched device via criteria.
- For use after the first time, search is performed within segment used last time. Please refer to Ch 3.2.1.2.

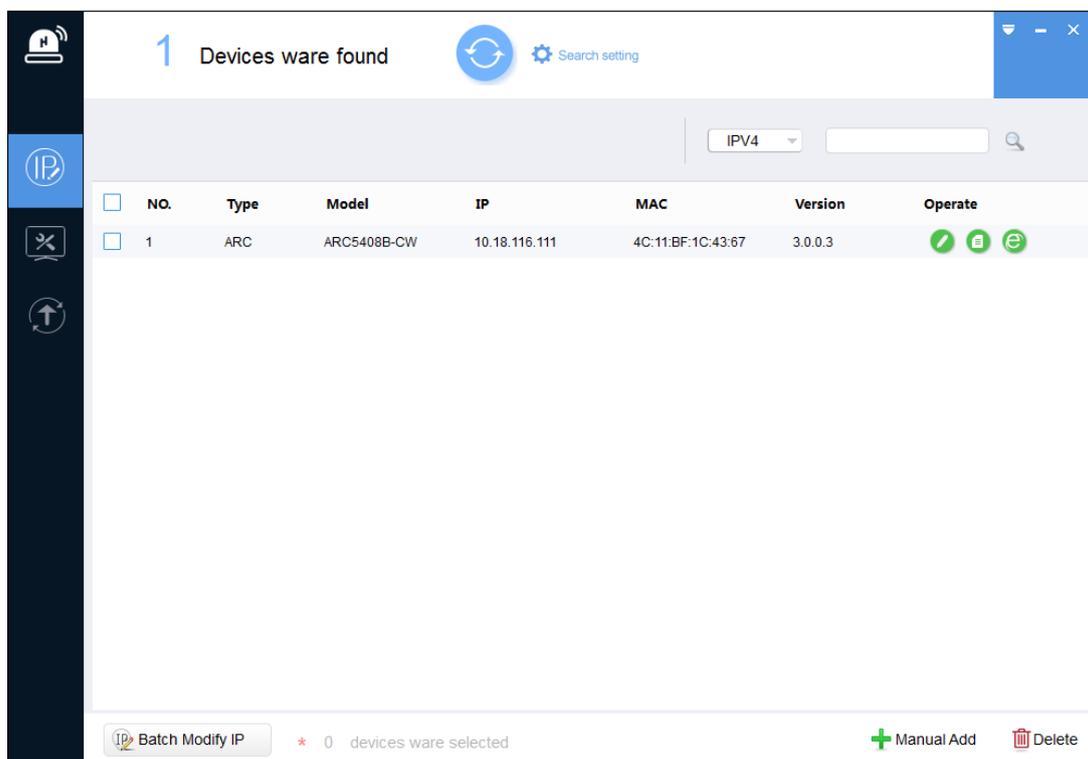


Figure 3-2

3.2.1.2 Manually Search

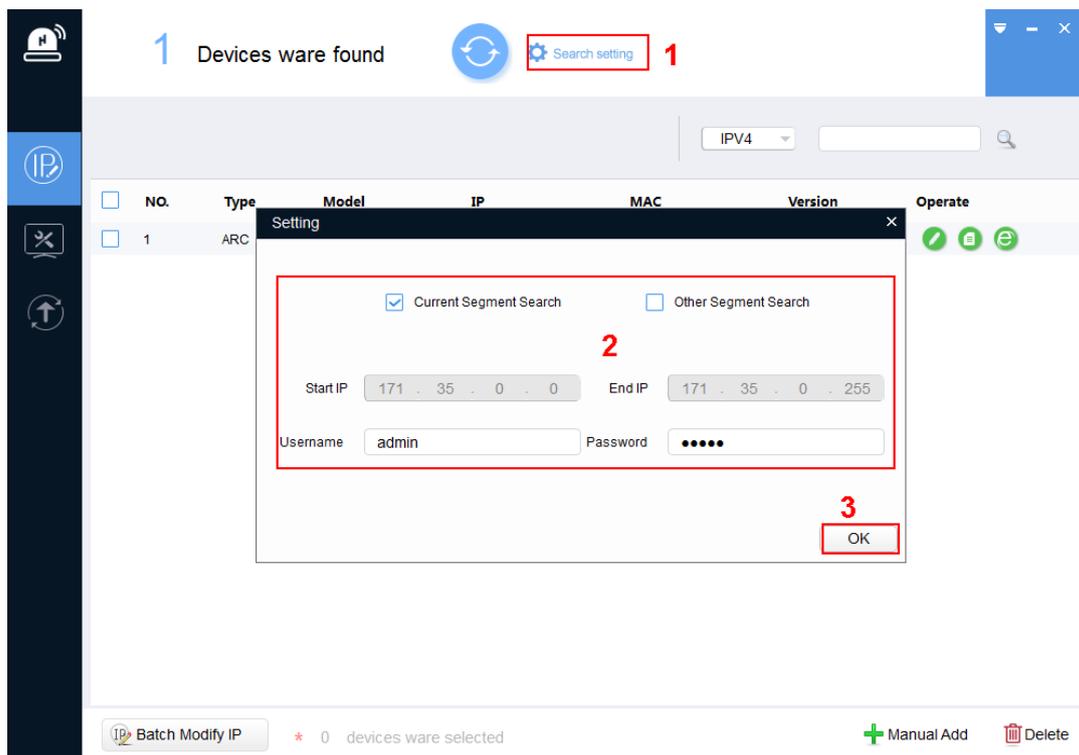


Figure 3-3

Step 1. In ARCConfigTool homepage, click  Search setting . System pops up Setting box.

Step 2. Set criteria of search, see Chart 3-2.

Parameter	Explanation	Note
Current Segment Search	Current segment, which is IP segment after of PC where ARCConfigTool is installed. Check current segment search, then it will only search device in current segment. For first time use, auto search uses default criteria.	If when you set criteria and check current segment search AND other segment search, then it will search device in both segments.
Other Segment Search	Check other segment search, set start IP and end IP, so it searches only device in this set segment.	
Start IP		
End IP		
Username	When you modify IP, configure device parameter, configure system parameter and upgrade device, searched username and password at login.	-
Password		

Chart 3-2

Step 3. Click OK. In device list, it shows searched device.

Note:

- Click , search device again, and update device list info.
- You can filter device, and quickly search for device in the results.
- When you close this software, it will save search criteria, so you see these saves criteria when you open ConfigTool for the next time.

3.2.2 Manually Add

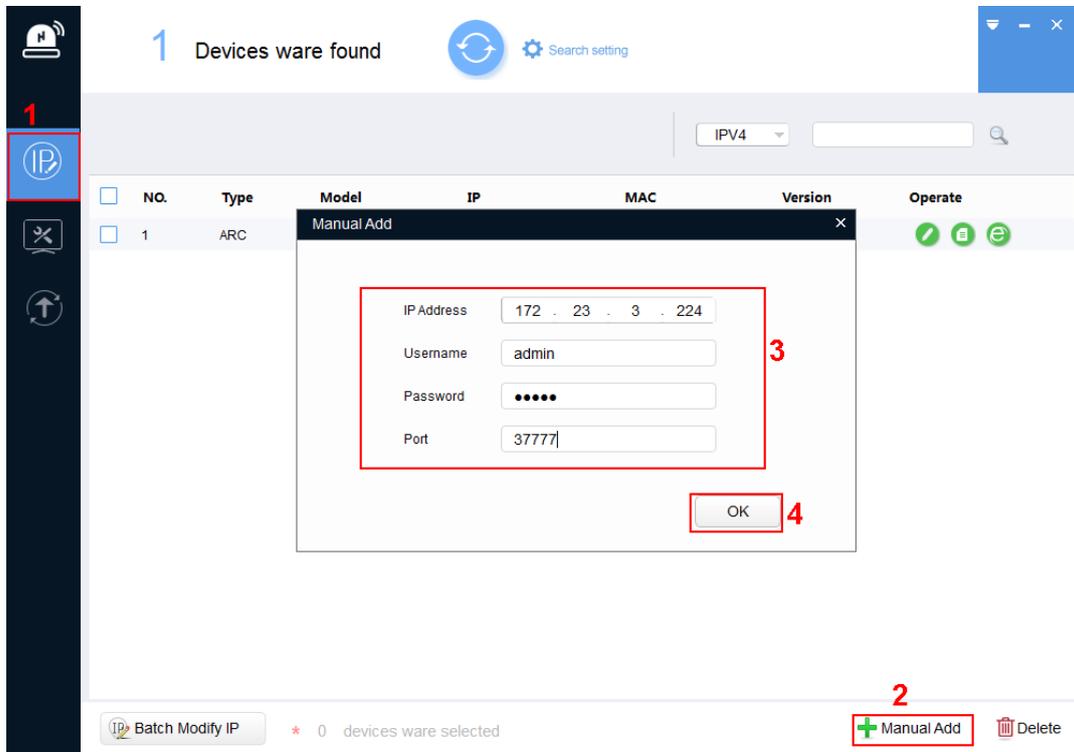


Figure 3-4

Step 1. Click . System shows IP interface.

Step 2. Click . System shows manually add interface.

Step 3. Set parameter, refer to Chart 3-3.

Parameter	Note
-----------	------

IP Address	Add device IP address.
Username	Username and password to login.
Password	
Port	Add device port no.

Chart 3-3

Step 4. Click OK. Added device is shown in device list.

Note:

You can set search filter, which allow you to quickly filter out device you want.

3.3 Modify IP

You can modify a single IP or batch modify IP.

3.3.1 Modify IP

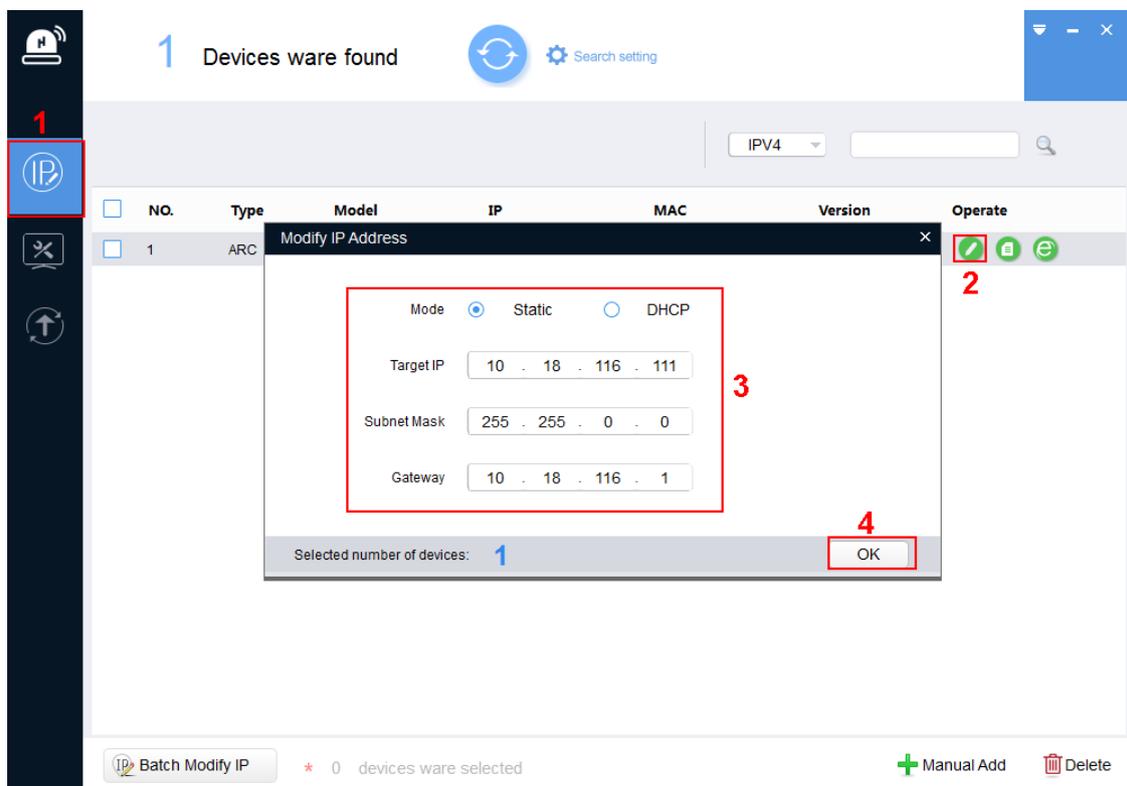


Figure 3-5

Step 1. Click .

System shows Modify IP Address interface.

- Step 2. Click  of device you want to modify its IP.
- Step 3. Set mode, target IP, subnet mask and gateway.
- Step 4. Click OK.

3.3.2 Batch Modify IP

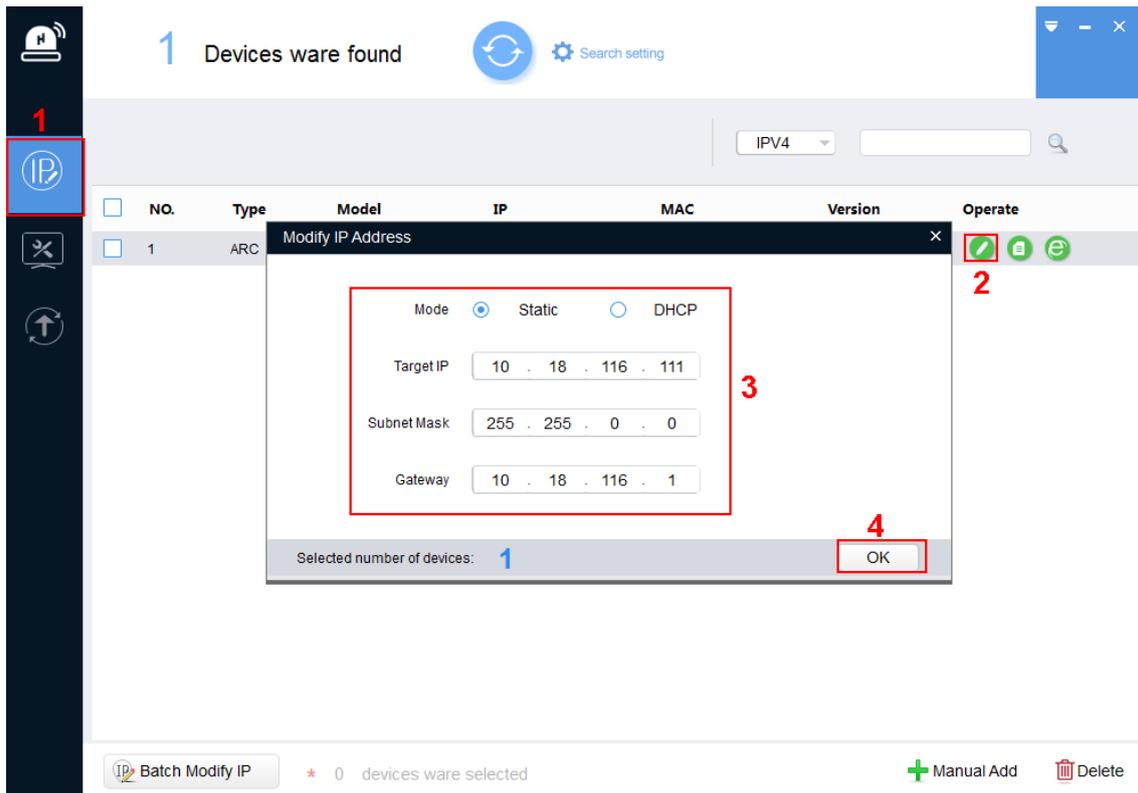


Figure 3-6

Step 1. Click  to enter batch modify IP interface.

Step 2. Select device you want to modify IP.

Note:

If the device you want to modify its IP is not shown in device list, please search device again. Please refer to Ch 3.2.

Step 3. Click  Batch Modify IP , system pops up Modify IP box.

Step 4. Set start IP, subnet mask and gateway.

Note:

Check Same IP will set the same IP for all devices involved.

Step 5. Click OK.

3.4 Configure System Info

3.4.1 Time Sync

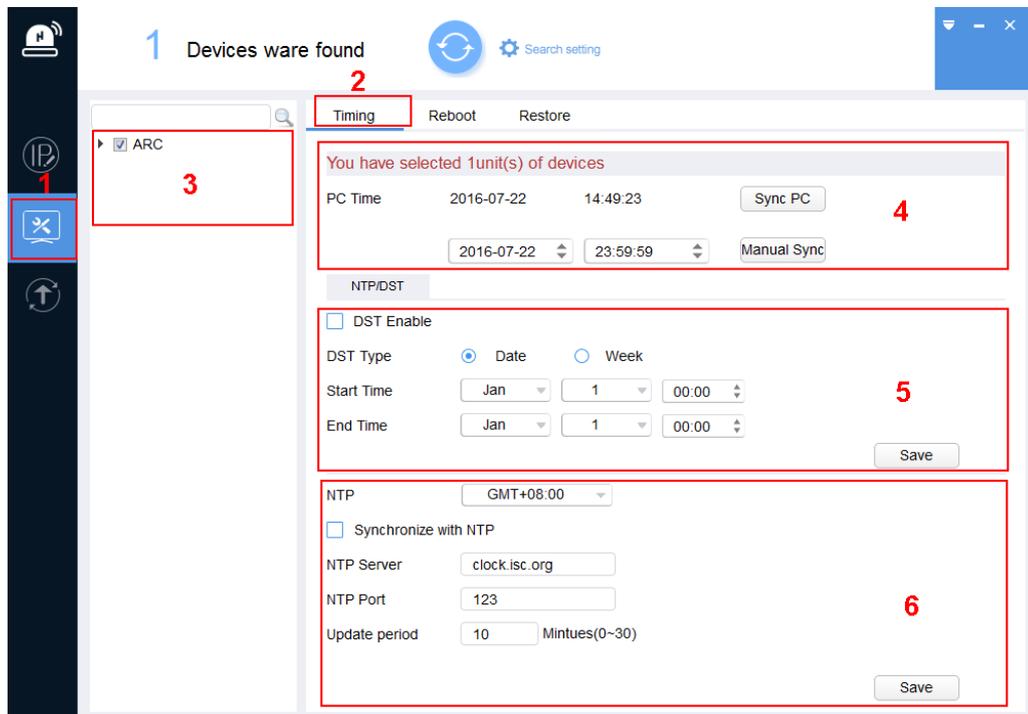


Figure 3-7

Step 1. Click , system shows system config interface.

Step 2. Click Timing tab.

Step 3. Select device.

Note:

A device can be selected more than once, if you select more than one device, the all the selected device will sync time.

If the device you want to modify its IP is not shown in device list, please search device again. Please refer to Ch 3.2.

Step 4. Set time.

You can use either of the following method to modify time.

- Enter time, click manually sync.
- Click Sync PC, to sync time with PC.
- Sync with NTP server, please refer to Chart 3-4.

Parameter	Note
Sync with NTP	Enable switch.
NTP Server	Set NTP server and port.
NTP Port	
Update Period	Interval of update.
Save	Save set NTP server info.

Chart 3-4

Step 5. (Optional) Set DST, refer to Chart 3-5.

Parameter	Note
DST Type	When you set DST country or region, according to actual condition select by week or date.
Start Time	Set DST start time and end time.
End Time	
Save	Save DST setup and make setup effective immediately.

Chart 3-5

3.4.2 Reboot

3.4.2.1 Auto Reboot

Auto reboot is to reboot device within set time. See Figure 3-8.

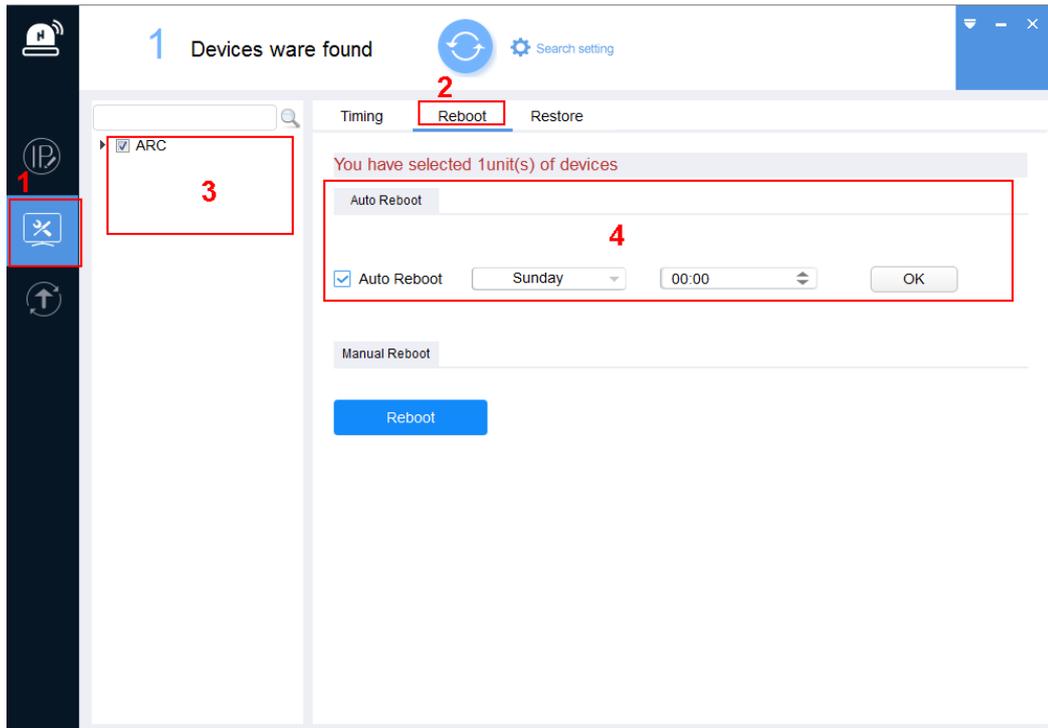


Figure 3-8

Step 1. Click , system shows system config interface.

Step 2. Click Reboot tab, system shows reboot interface.

Step 3. Select device.

Note:

- A device can be selected more than once, if you select more than one device, the batch device will set auto reboot at the same time.
- If the device you want to modify its IP is not shown in device list, please search device again. Please refer to Ch 3.2.

Step 4. Check auto reboot, set date and time, click OK.

Note:

Reboot will cause operation interruptions, so please reboot device when operation is not frequent.

3.4.2.2 Manually Reboot

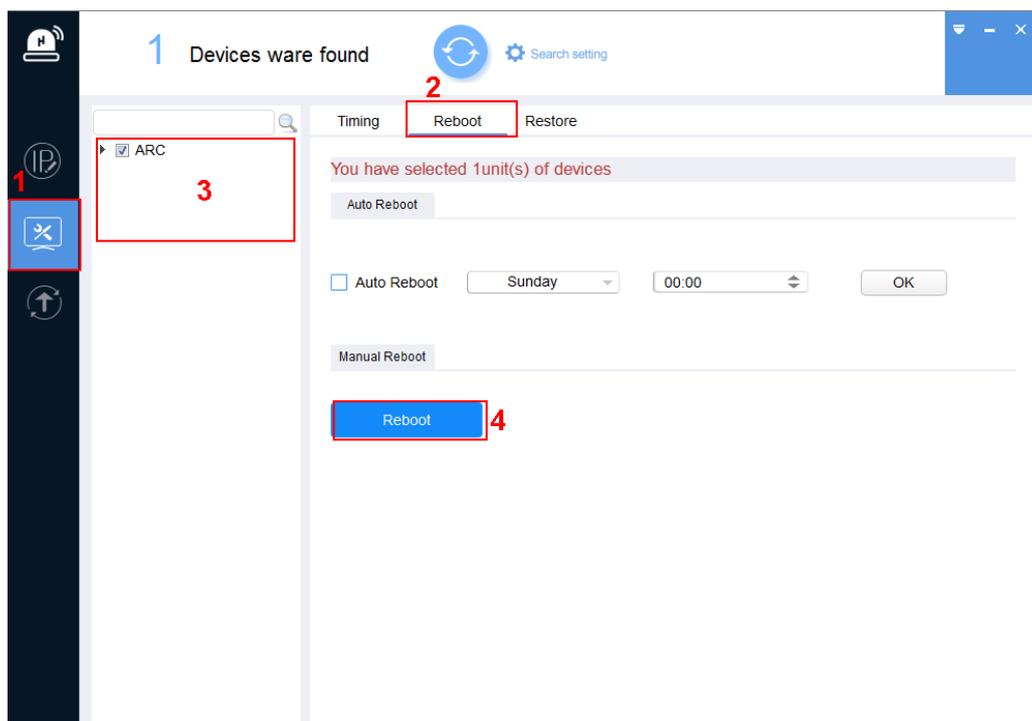


Figure 3-9

Step 1. Click , system shows system config interface.

Step 2. Click Reboot tab, system shows reboot interface.

Step 3. Select device.

Note:

- A device can be selected more than once, if you select more than one device, the batch device will manually reboot at the same time.
- If the device you want to modify its IP is not shown in device list, please search device again. Please refer to Ch 3.2.

Step 4. Click Reboot. Device will reboot immediately.

Note:

Reboot will cause operation interruptions, so please reboot device when operation is not frequent.

3.4.3 Default

Default function is to restore device network config (exclude IP), general config and etc.

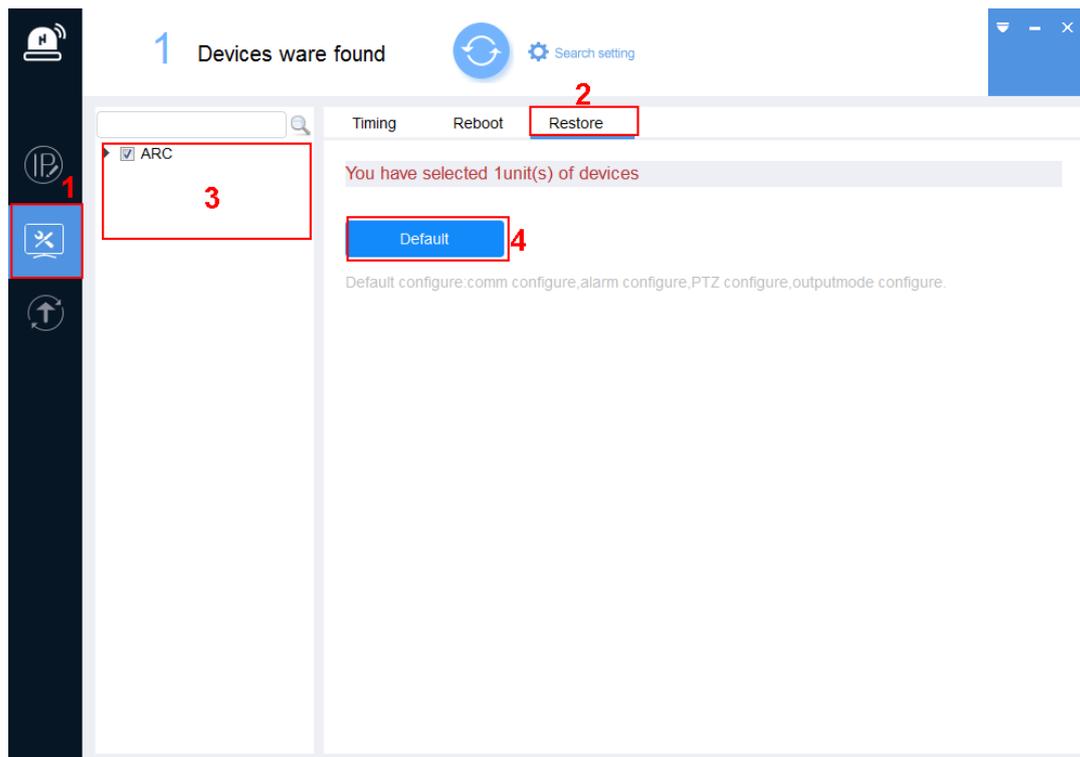


Figure 3-10

Step 1. Click , system shows system config interface.

Step 2. Click Restore tab, system shows Restore interface.

Step 3. Select device.

Note:

- A device can be selected more than once, if you select more than one device, the batch device will set auto reboot at the same time.
- If the device you want to modify its IP is not shown in device list, please search device again. Please refer to Ch 3.2.

Step 4. Click Default.

3.5 Upgrade Device

ARCConfigTool supports to upgrade one device and upgrade multiple devices.

3.5.1 Single Upgrade

Step 1. Click , system shows upgrade interface, see Figure 3-11.

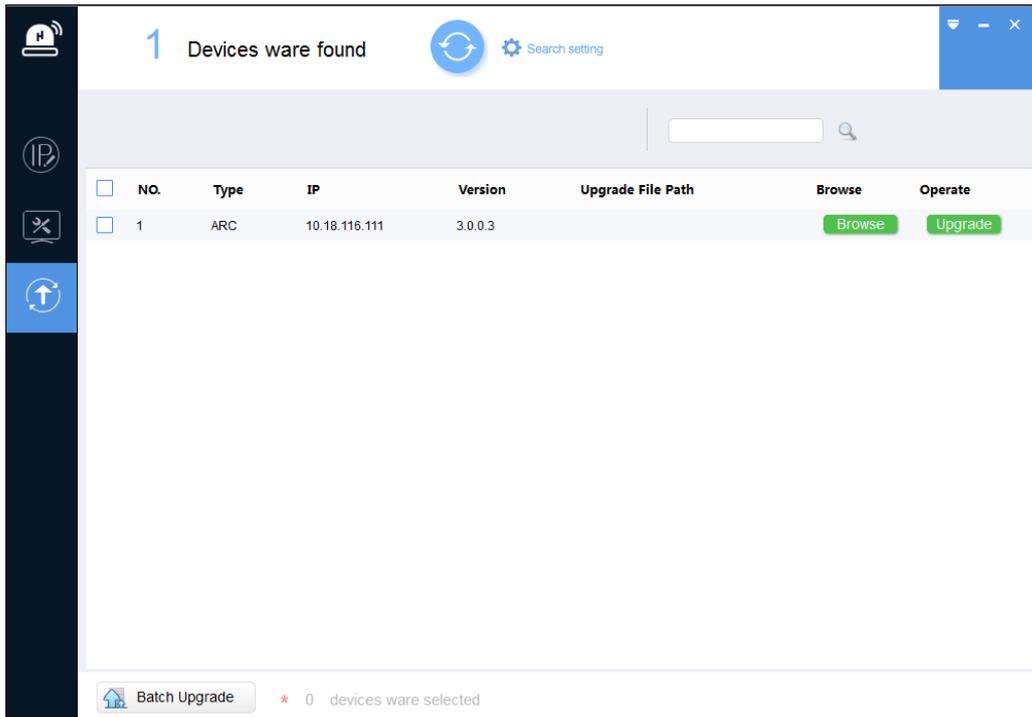


Figure 3-11

Step 2. Click a device you want to upgrade, select upgrade file, see Figure 3-12.

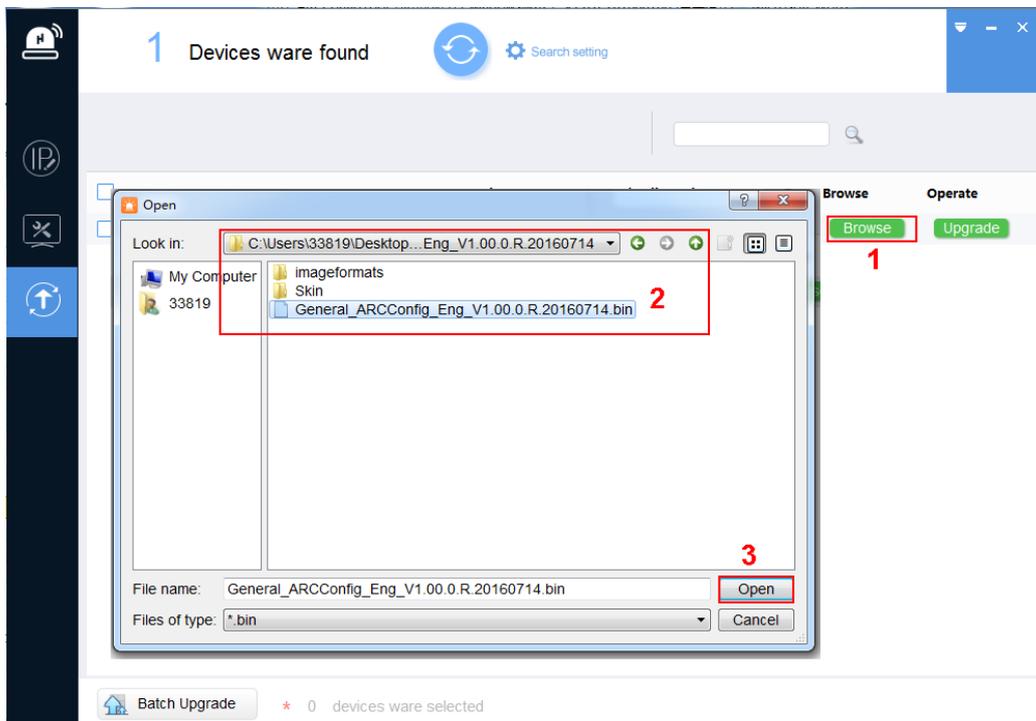


Figure 3-12

1. Click Browse of corresponding device you want to upgrade.

Note:

If the device you want to modify its IP is not shown in device list, please search device again. Please refer to Ch 3.2.

2. Select upgrade file.
3. Click Open.

Step 3. After you click Upgrade, system will start to upgrade and show progress of update. When upgrading is complete, device will auto reboot

Note:

If device goes offline during upgrading process, then ARConfigTool will stop at upgrading interface and once device is online again, upgrading will continue.

3.5.2 Batch Upgrade

Step 1. Click , system shows upgrade interface, see Figure 3-11.

Step 2. Check devices you want to upgrade, see Figure 3-13.

Note:

If the device you want to modify its IP is not shown in device list, please search device again. Please refer to Ch 3.2.

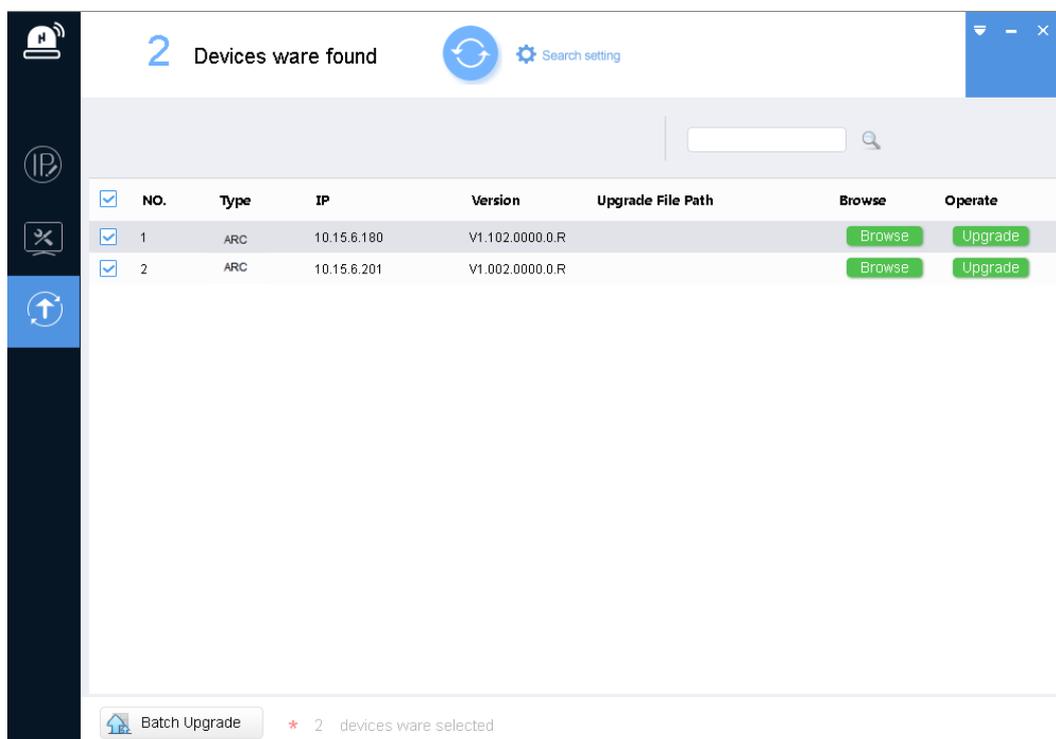


Figure 3-13

Step 3. Click Batch Upgrade, system shows Batch Upgrade interface, see Figure 3-14.

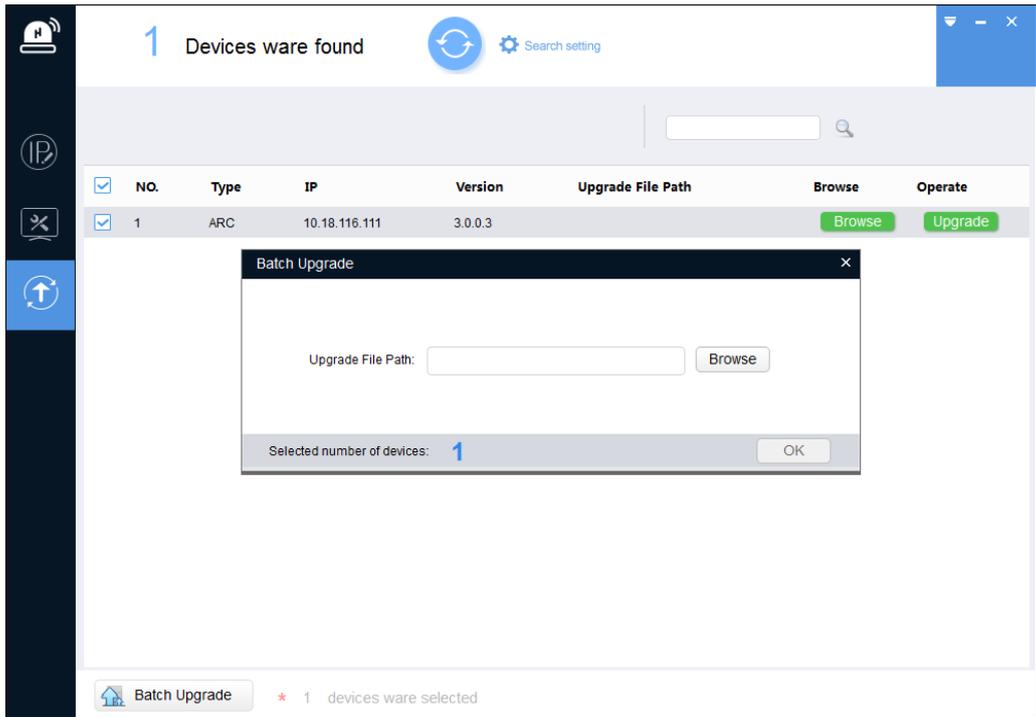


Figure 3-14

Step 4. Click Browse, select file, see Figure 3-15.

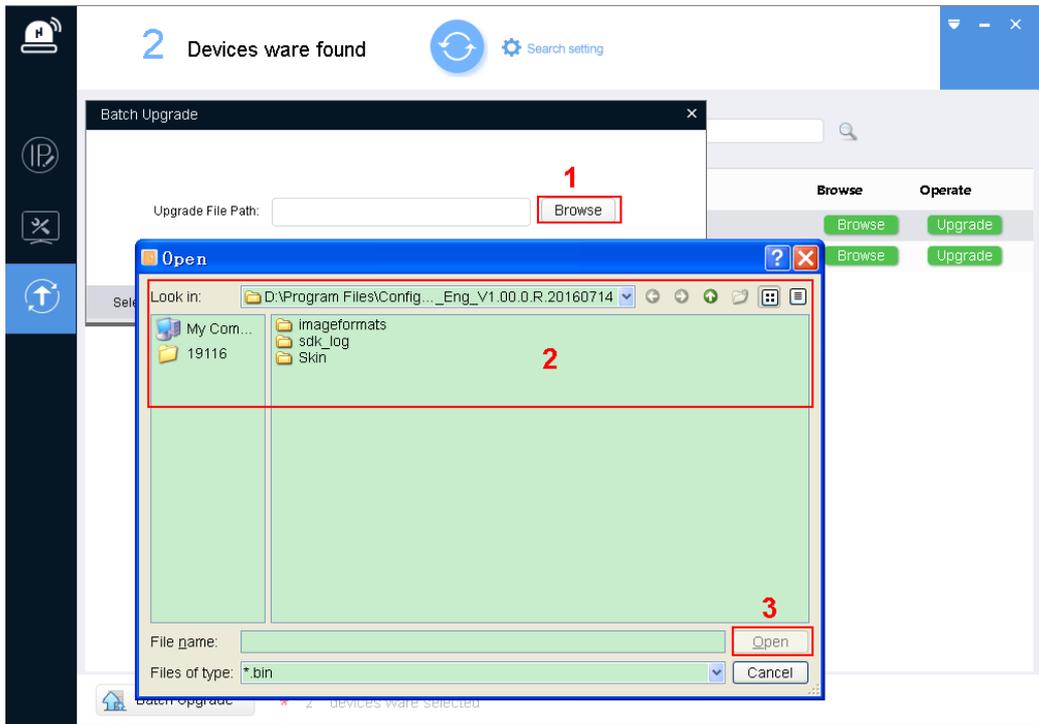


Figure 3-15

1. Click Browse.
2. Select upgrade file.
3. Click Open.

Step 5. Click OK, system starts to upgrade.

Note:

If devices go offline during upgrading process, then ARConfigTool will stop at upgrading interface and once device is online again, upgrading will continue.

Note:

- **This manual is for reference only. Slight difference may be found in the user interface.**
- **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 or contact your local service engineer for more information.**