IPFinder
User Manual
V1.0

Table of Contents

1. Installation and Uninstallation

1.1 Installation

Make sure you have the Tool installation package,if not,contact the customer service.To install the Tool,do the following:

Step 1: Double-click the installation package. .

The Welcome screen is displayed .See Figure 1-1

Figure 1-1

Step2: Click **Next**
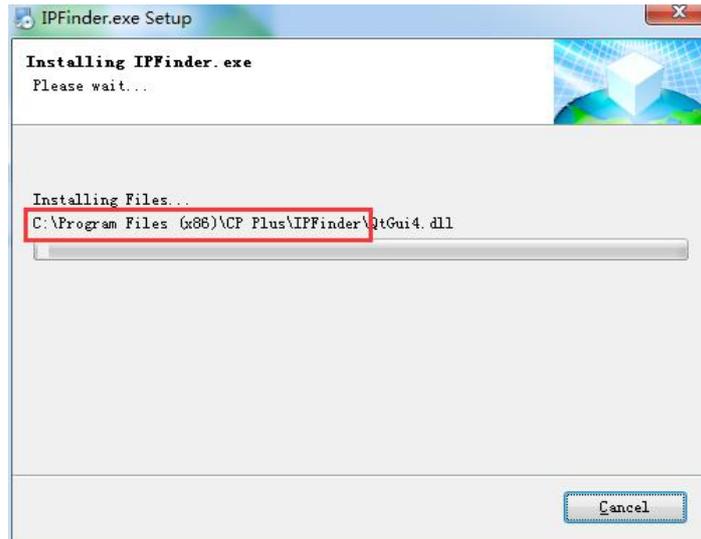The Option Screen is displayed.See Figure 1-2

Figure 1-2

Step 3:   After the installation is completed, the Install screen is displayed. See Figure 1-3

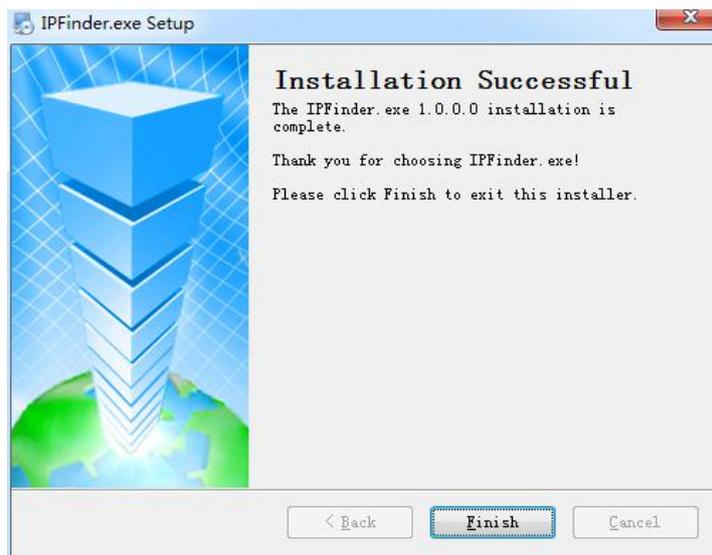

Figure 1-3

Step 4:   Click **Finish** to complete the installation.

1.2 Uninstallation

Step 1:   On your computer ,Click Start > All Programs > IPFinder.exe > Uninstallation
IPFinder.

The Unistallation screen displayed.See Figure 1-4.

Figure 1-4

Step 2:   Click **Next** to start uninstalling the Tool.

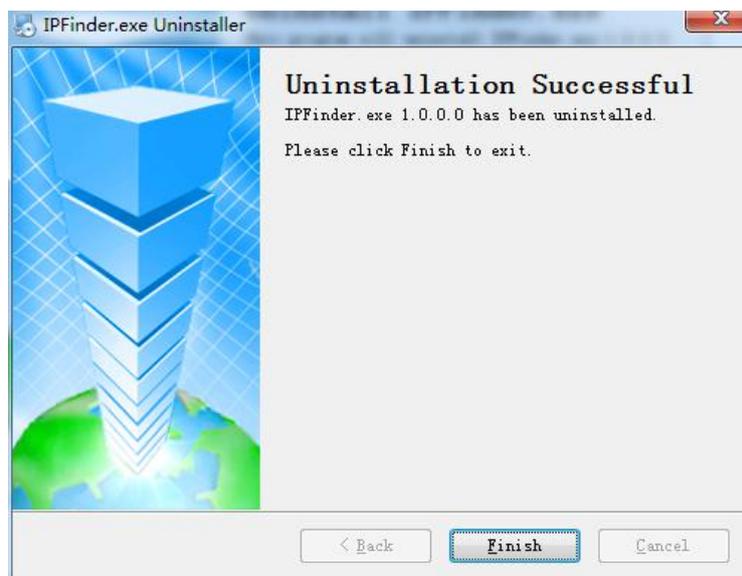After the uninstallstion is Finish,Click **Finsh**.See Figure 1-5.

Figure 1-5

2. Basic Operations

2.1 Launching the IPFinder

On the desktop,double-click ,the Tool main interface is displayed.See Figure 2-1 and table2-1.

NOTE

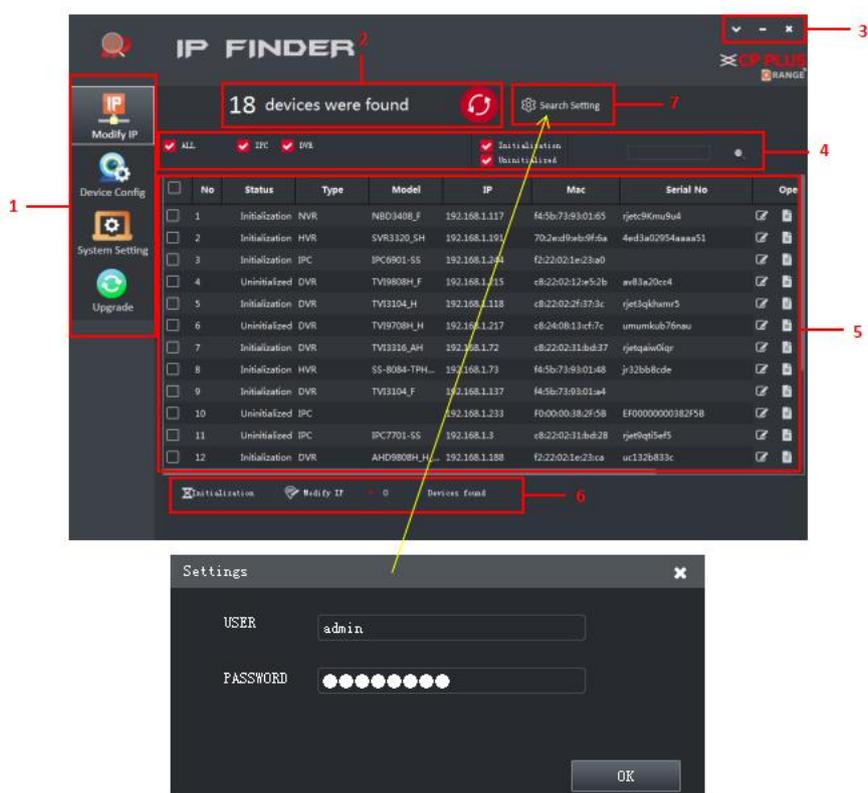- After the Tool is launched,it will search the devices according to computer network segments set in Search setting.

Figure 2-1.

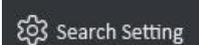| NO	Function	Description
1	Menu	This function includes four tabs:Modify IP,Device Config,System Settings,Upgrade. ➢ ：Modify IP for one or multiple devices. ➢ ：Modify device default password and configure encoding,image and profile management. ➢ ：Set device system time and reboot device. ➢ ：Upgrade one device or multiple devices.
2	Search setting	This function provides device searching ,user can search the device within the current network segment or other network segment. ➢ Click this Icon to refresh the device list that is displayed in the main screen.
3	Help	This function provides access to check the Help file,QA file and software version,set network parameters and upgrade parameters ,minimize or exit the software. ➢ :Click this Icon to check Help file,QA file and software version ➢ : Click this Icon to minimize the software. ➢ : Click this Icon to exit the software.
4	Filtering	This function can filter devices in the following ways: ➢ Choose device type(IPC,DVR) to filter device. ➢ Choose Initialization or Uninitialization filter device. ➢ Enter search criteria (type, IP, model, MAC address, serial number) to search filter device
5	Device list	This function shows the searched device and their information such as type ,mode,IP,MAC and version.The Operate column provides the following functions : ➢ : Click this Icon to modify device IP. ➢ : Click this Icon to view device details. ➢ : Click this Icon to open device WEB configuration interface.

6	Function buttons	This function provide the following buttons: ➢ **Initialization** : Select one or multiple devices and click this Icon to start initializing. ➢ **Modify IP** : Select one or multiple devices and click this Icon to modify the IP addresses. ➢ **0 Devices found** : This Icon Number of display devices.
7	Login	➢ **Search Setting** ：The user can fill in the password of the search device here. When entering the device configuration, system settings and upgrade page to select the device, the user does not need to fill in the device password again.

Table 2-1.

2.2 Initializing Devices

User can initializing one or multiple devices depending on actual situation.

NOTE

- Not all models support this function；
- The initializing operation can only be performed to the devices within the local area network.
- The operations can not be performed to the uninitializing devices that are shown in gray background .And the uninitializing devices do not appear in other interfaces of the Tool.
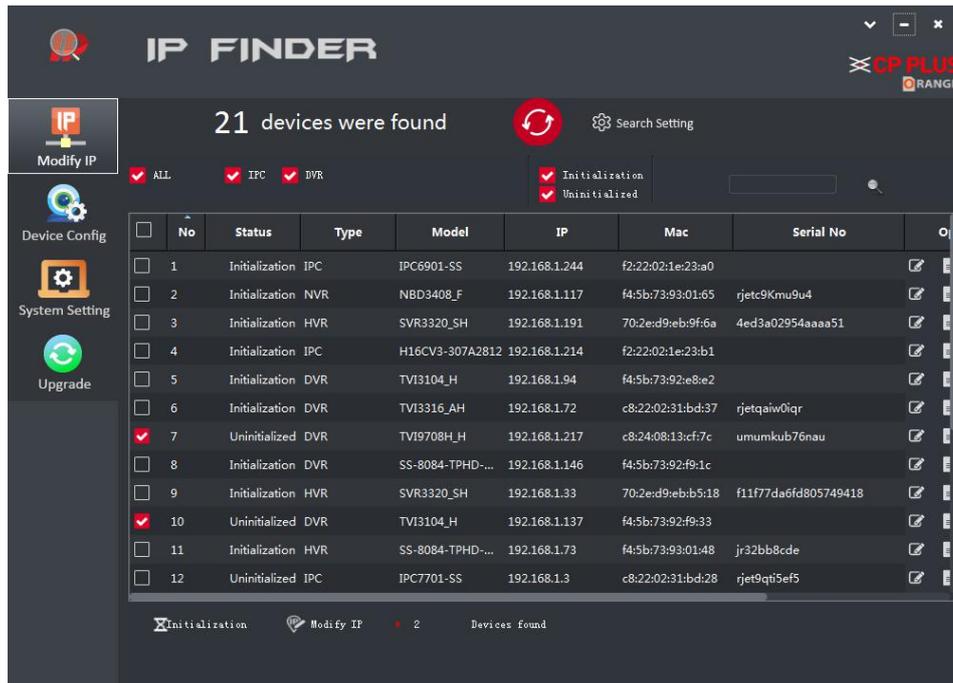
Step 1: Click **Modify IP** ,See Figure 2-2:

Figure 2-2

Step 2: Select one or several uninitialized devices.

Step 3: Click ⊠Initialization

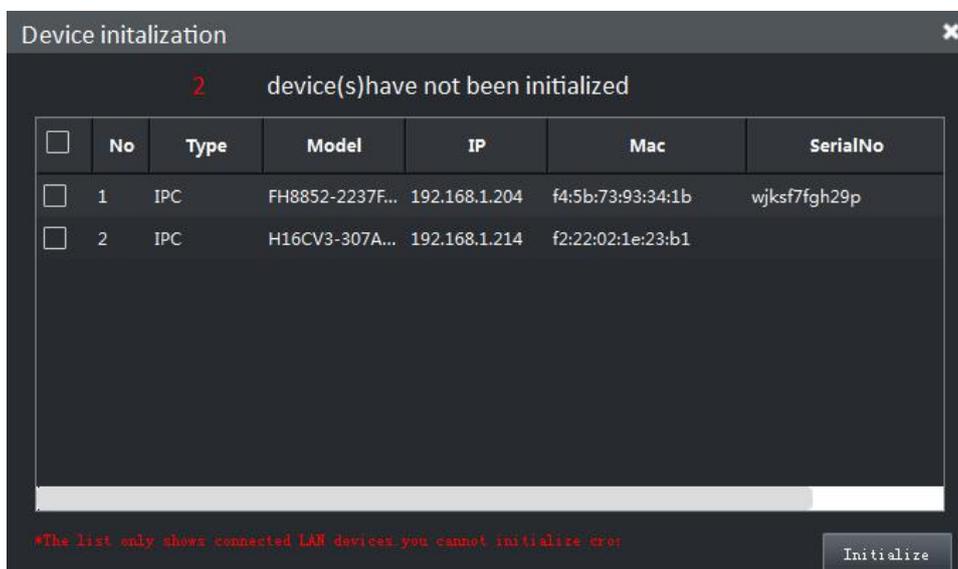The Device initialization screen is displayed. See Figure 2-3:

Figure 2-3

Step 4: Select one or multiple devices that need to be initialized and then click **Initialization.**The device initialization screen is displayed .See Figure 2-4.
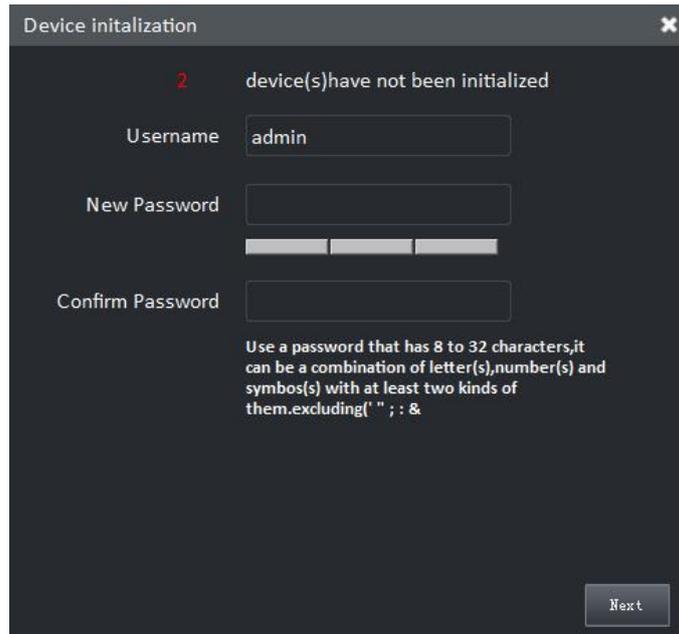
Figure 2-4

Set the initialization parameters for the device,See Table 2-2.

Parameter	Description
Username	By default ,the user name is **admin**
New password	Enter the new password for the device ,There is an indication for the strength of the new password. The new password must be set between 8 digits and 32 digits and contain at least two types from number, letter and special characters (excluding"'", "''", ";", ":" and "&").
Confirm password	Confirm the new password.

Table 2-2

Step 5:   Click **Next**,Initialization successful display ,Initialization failed display .
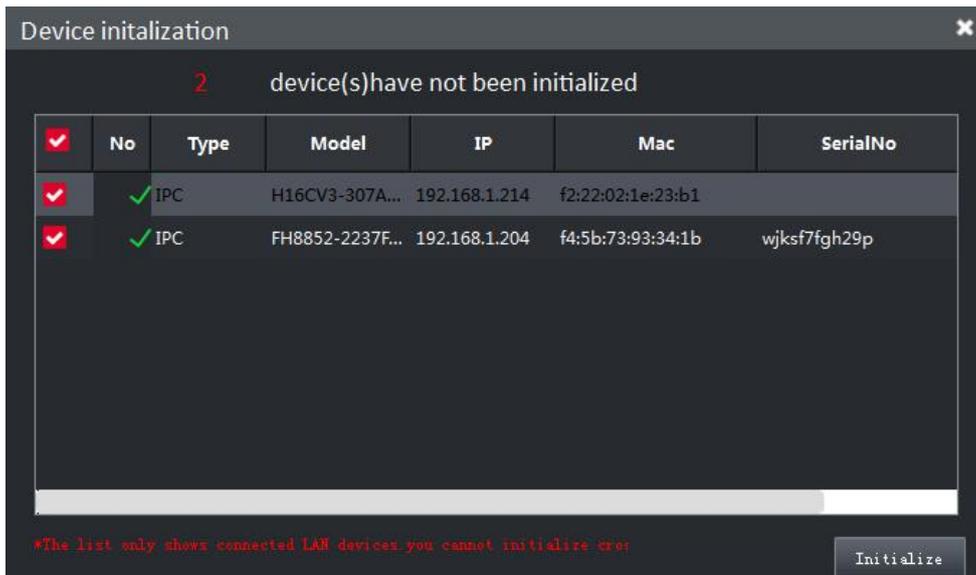See Figure 2-5.

Figure 2-5

Step 6: Click ⊠ to exit the interface.

2.3 Modifying IP

User can modify IP for one or multiple devices in one time.

User can modify IP in batches only if the devices login passwords are the same;other wise can modify IP at a time.

2.3.1 Modifying one IP

Step 1:   Click   Modify IP   .

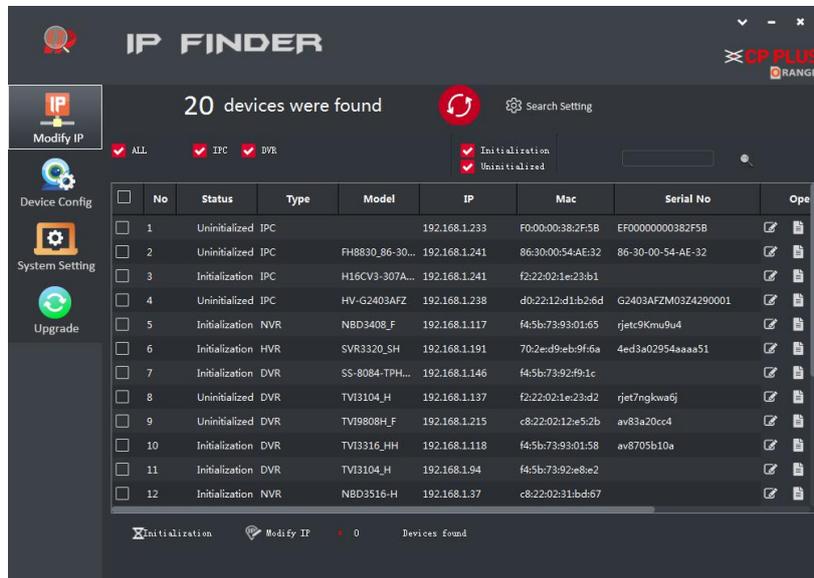The Modify IP screen is displayed .See Figure 2-7.

Figure 2-7

Step 2:   Find you want to modify IP then click the IP Modification button   .

The Modify IP Address dialog box is displayed.See Figure 2-8.

Figure 2-8

Step 3:   Input new IP ,sub mask,Gateway.

Step 4:   click **ok** button exit the interface.

2.3.2 Modifying IP in Batches

Step 1:   Click .

The **Modify IP** screen is displayed.See Figure 2-9.
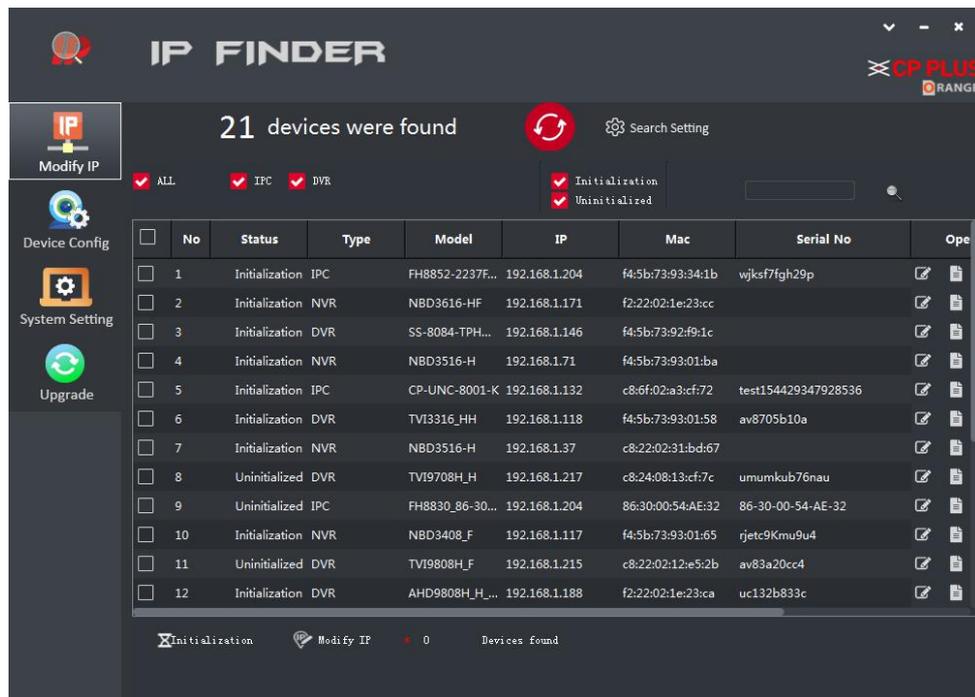
Step 2:   Select the devices you want to modify IP.

Figure 2-9

Step 3: Click .

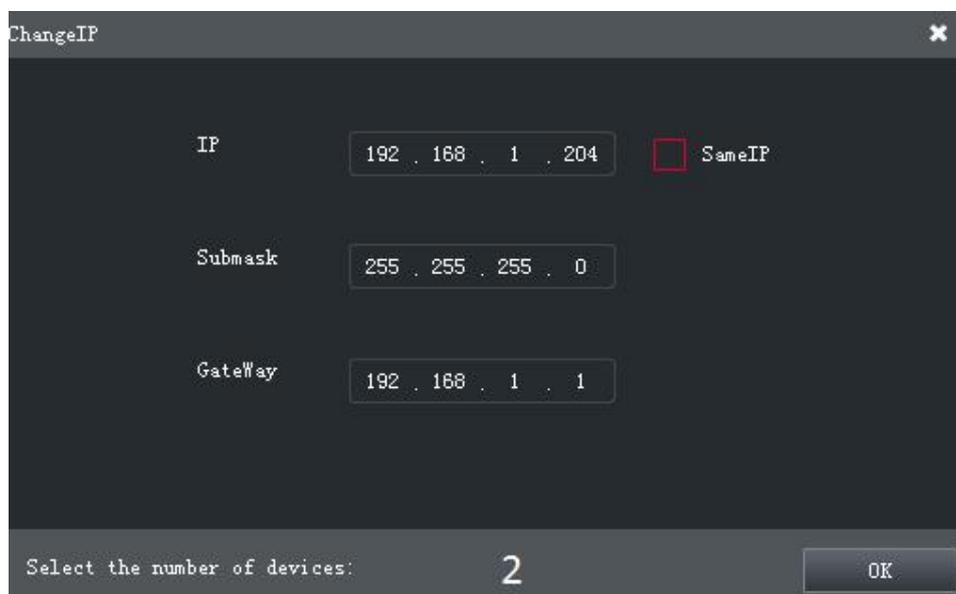The **Modify IP Address** dialog box is displayed.See Figure 2-10.

Figure 2-10

Step 4: Setting your new IP,Sub mask,Gateway.

📖 NOTE

- Selecting "same IP" means setting the selected device to the same IP address.
- If "same IP" is not selected, the IP address of the device is incremented from the starting IP.

Step 5: Click OK button to complete modification.

2.4 Configuring the Device Parameters

User can configure the encoding parameters.

2.4.1 Accessing the configuration Interface.

Step 1: Click .

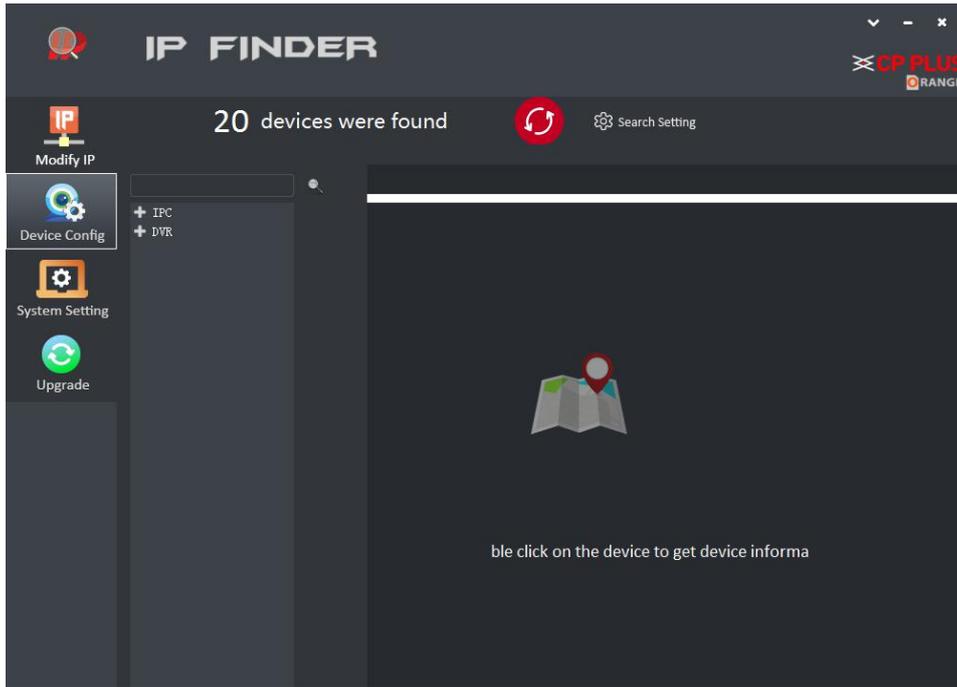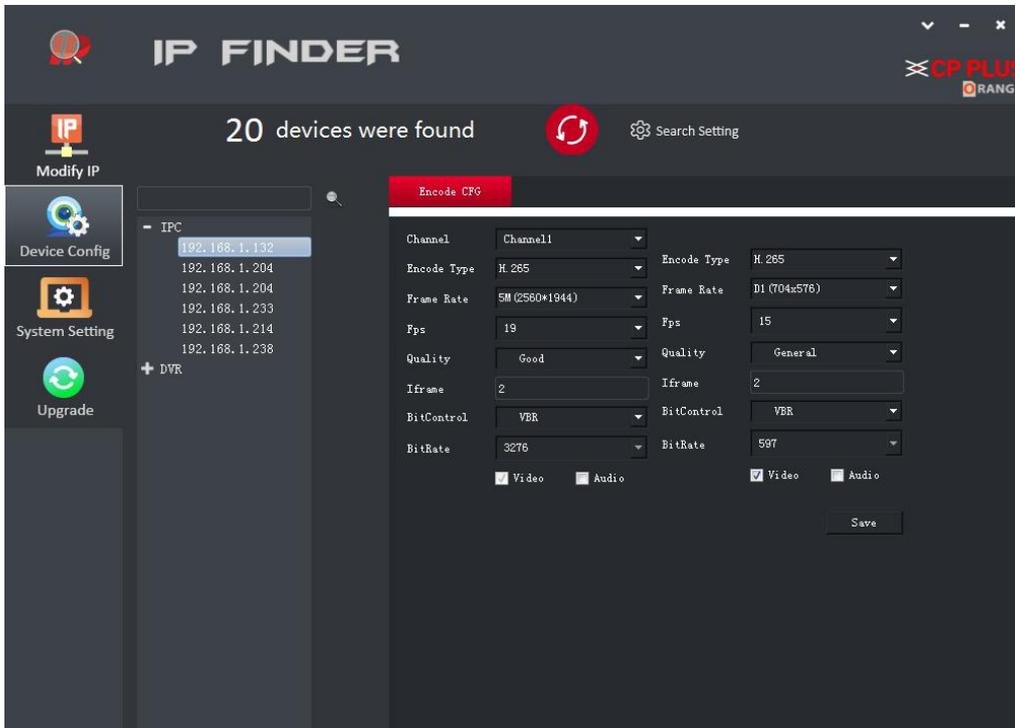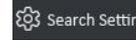The Device Config screen is displayed.See Figure 2-11.

Figure 2-11

Step 2: Select the device under the device type such as IPC,and then Double-click the device.See Figure 2-12.

● If the password entered in the **Search Setting** ⚙️ Search Setting is the same, double-click the device to login r the device configuration page;

● If the password entered in the **Search Setting** ⚙️ Search Setting is not the same, user must enter the device password to login device configuration page.See Figure 2-13.

```
┌─────────────────────────────────────────────┐
│ Login                                    ✖  │
│                                              │
│    USER        ┌──────────────────────────┐ │
│                │ admin                    │ │
│                └──────────────────────────┘ │
│                                              │
│    PASSWORD    ┌──────────────────────────┐ │
│                │                          │ │
│                └──────────────────────────┘ │
│                                              │
│                              ┌───────────┐   │
│                              │    OK     │   │
│                              └───────────┘   │
└─────────────────────────────────────────────┘
```
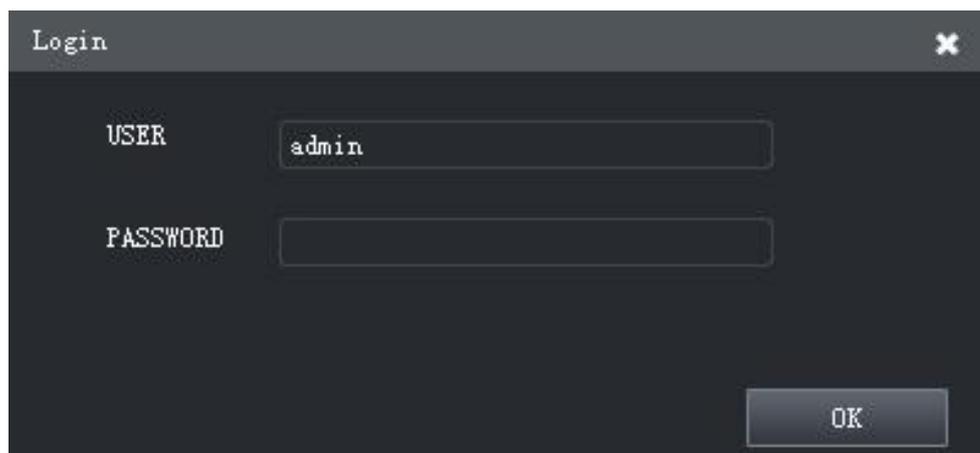
Figure 2-13

2.4.2 Configuring the Parameters

User can configure the parameters such as code type,encoding mode and resolution for the device.

Step 1: On the **Encode** tab ,set the parameter for main stream or sub stream,see table 2-3.

📖NOTE

● The encoding parameters might be different dependent on the mode you purchased. If there is inconsistency between the Manual and the actual product,the actual product shall govern.

Parameter	Description
Channel	Select the channel number
	Includes the following video encoding modes : ➤ H.264

Encode Type	➢ H.265
	➢ H.264+
	➢ H.265+
	➢ MJPG：Under this mode,the video image requires higher bit rate to ensure video quality,it is recommended to use the maximum bit rate value to get the best results.
Resolution	Indicates this video resolution. The maximum video resolution might be different dependent on your device mode.
Frame Rate	Indicates the total frames per second. The higher the frame rate the more clear and smooth the image will become.
Quality	Indicates the video image quality level,user can configure this parameter when the bit rate type set is **VBR**. Video image quality level include **best**,**better**,**good**,**general**,**worse**,**worst**.
I Frame	Key frame.
Bit Control	Video stream control mode,include the following: ➢ CBR: The code stream is kept at the set value with little change. ➢ VBR: The code stream will change with the monitoring scene. 📖NOTE When "coding mode" is set to "**MJPG**", the control mode of code stream can only be fixed CBR.
Bit Rate	When "Bit Control" mode set is **CBR** then user can set "Bit Rate". According to the actual scene, select the appropriate bitstream value in the bitstream drop-down box. ▾
Audio/Video	➢ To enable the audio function ,select the Audio check box. ➢ To monitor with the sub stream ,select the Video check box. For the sub stream ,user can enable the audio function only after the video function is already enabled.

Table 2-3

Step 2: Click Save to complete settings.

2.5 Configuring System Settings

User can configure the settings for system time and reboot devices.

2.5.1 Timing

User can calibrate the device time through configuration.

Step 1: Click ![System Setting] .
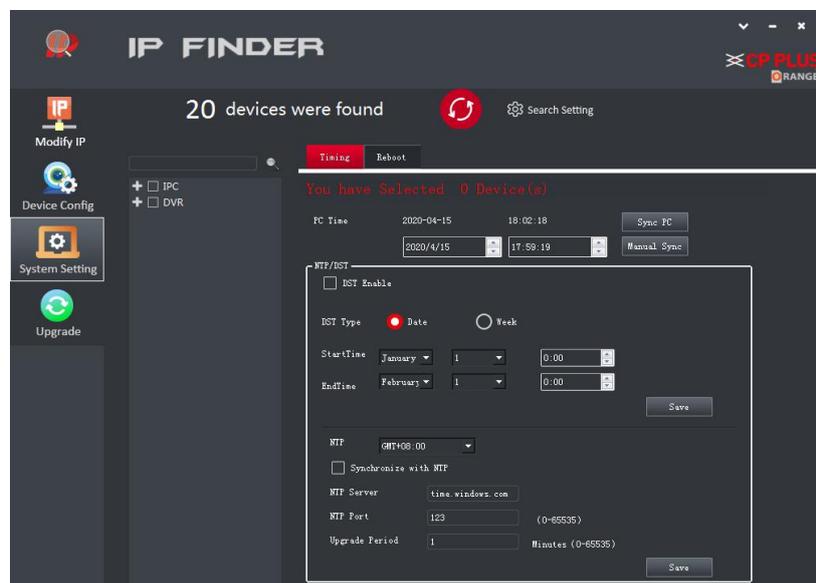
The **Timing** screen is displayed.See Figure 2-13.

Figure 2-13

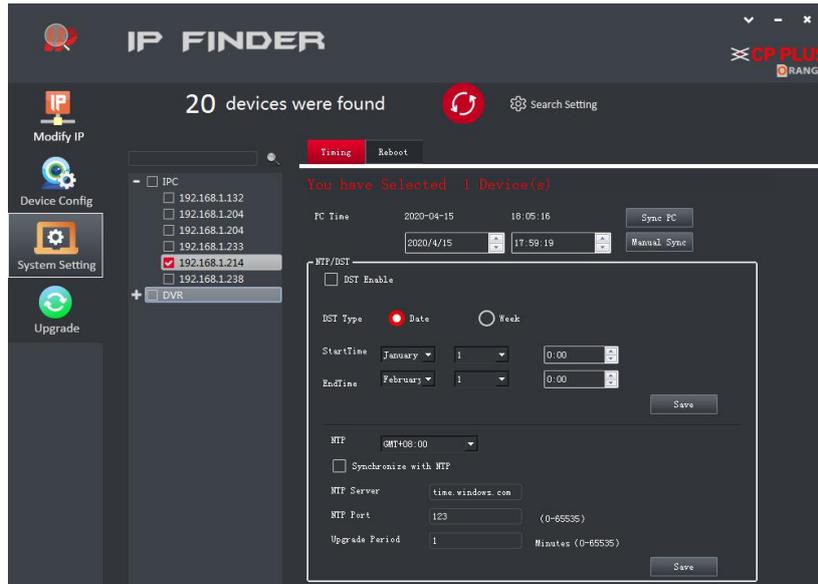Step 2: Select device type such as IPC,select one or multiple devices.see Figure 2-14.

Figure 2-14.

Step 3: Select the time sync,way for the device.

📖 NOTE

● Manual sync: Type the time and select the time zone,and then click **Manual Sycn**.The device time will sync with the setting.
● PC sync: click **Sync PC**.The device time will sync with the PC time.
● NTP sync: select **Synchronize with NTP** check box and set the parameters.See Table 2-4.

Parameter	Description
NTP Sever	Type the IP address or domain name of the corresponding NTP server.
NTP Port	Type the port number of corresponding NTP server.
Update Period	Type the time interval that device sync with the NTP.

Figure 2-4

Step 4: (Optional) select **DST Enable** (Daylight Saving Time) check box and set the parameter.See Table 2-5.

📖 NOTE

● Implement this step when you use the device in the countries or regions where the DST is carried out.

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Parameter	Description
DST Type	Select Date or Week according to the actual situation.
Start Time	Set the DST start and end time.
End Time	

Table 2-5

Step 5:   Click **Save** to complete settings.

2.5.2 Rebooting

User can manually or automatically reboot the device.

⚠ CAUTION

Rebooting will interrupt operations,so please reboot the device when the operation is not so frequent.

Step 1:   Click [System Setting] .

The **Timing** screen is displayed.

Step 2:   Click **Reboot** tab.
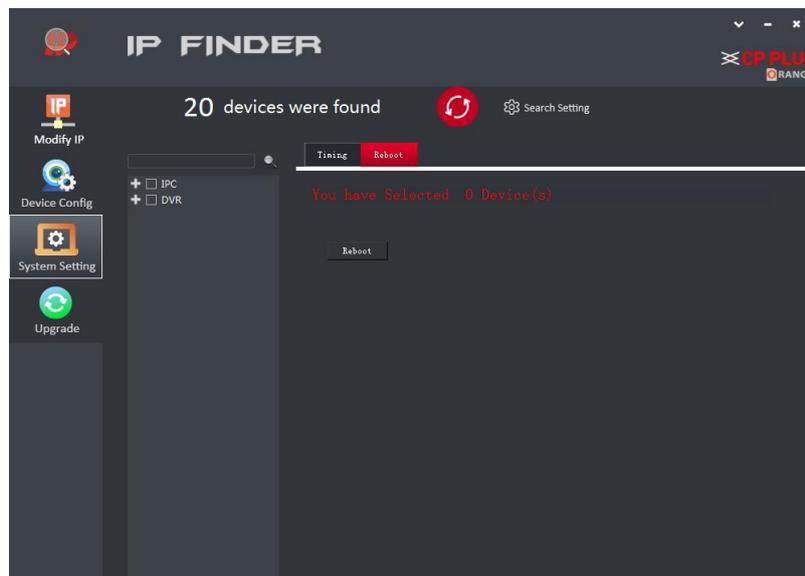The **Reboot** screen is display.See Figure 2-15.

Figure 2-15

Step 3:   Select device type such as IPC then select one or multiple devices.

Step 4:   Click **Reboot** button.

2.6 Local Upgrade

User can upgrade one or multiple devices on the PC where the Tool is located.

2.6.1 Upgrading One Device.

User can choose this procedure for upgrading one device.

Step 1:   Click [Upgrade] .
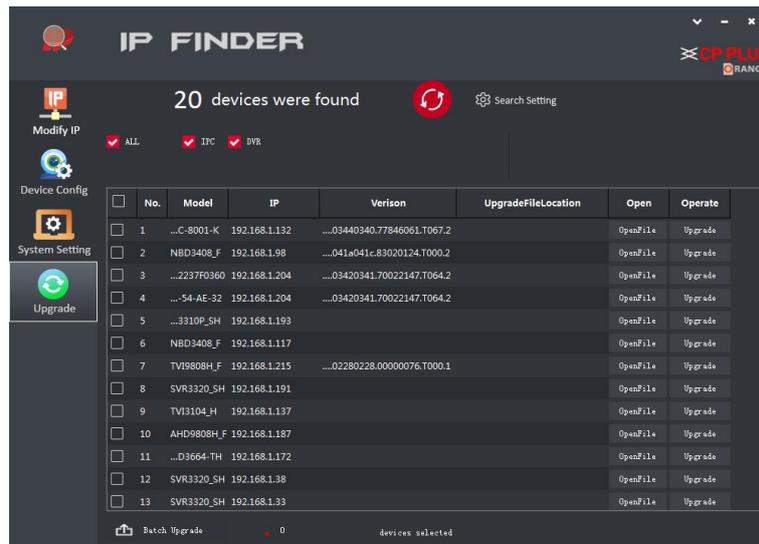
The Upgrade screen is displayed.See Figure 2-16.

Figure 2-16

Step 2:   Click **Open File** next to the device that you want to upgrade and then select the specific file that needs to be upgrade and click **Open**.See Figure 2-17.
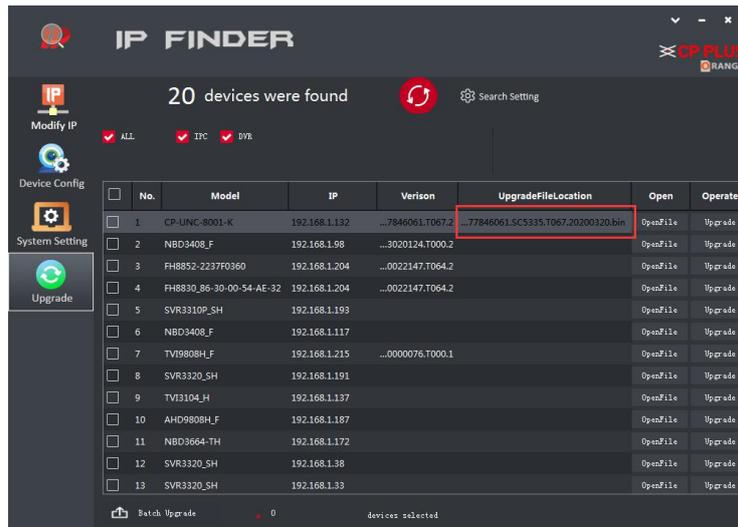
Figure 2-17

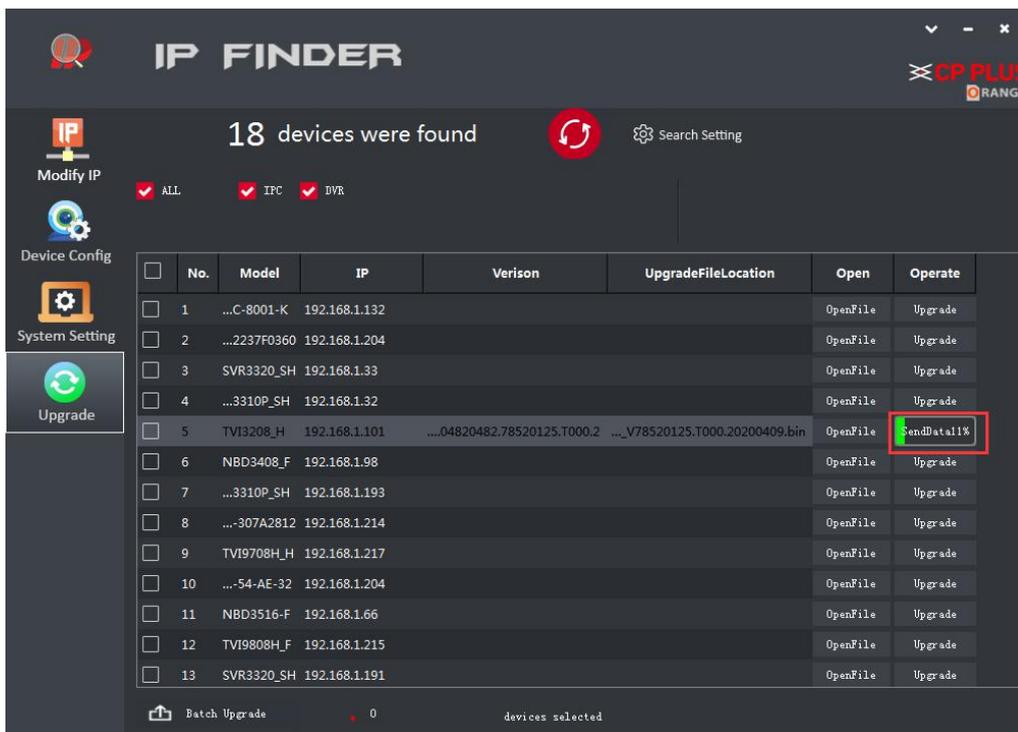Step 3: Click **Upgrade** to start upgrading. See Figure 2-18.

Figure 2-18

After upgrading is completed ,system displayed "**Upgrade success**",then device automatically reboots.See Figure 2-19.
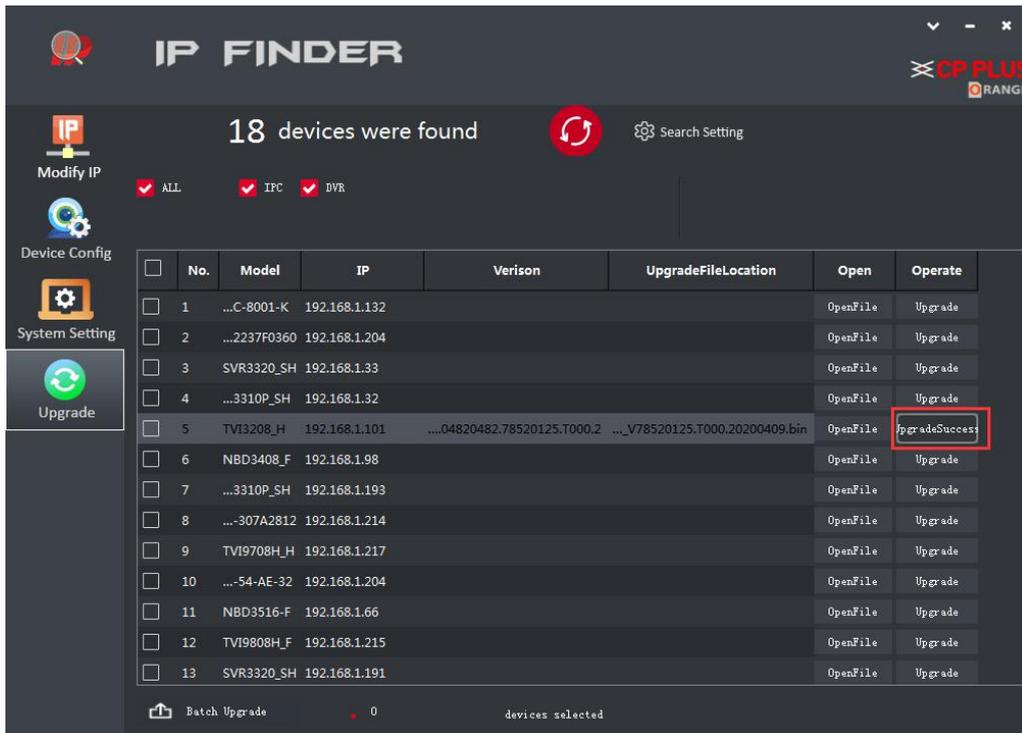
Figure 2-19

2.6.2 Upgrading device in Batches

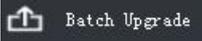User can upgrade multiple devices to the same software version.

Step 1:   Click [Upgrade] .
The **Upgrade** screen is displayed.

Step 2:   Select the devices that need to be upgraded.

📖 NOTE

● Make sure the selected devices are subject to be upgraded to the same software version.

Step 3:   Click [Batch Upgrade] .

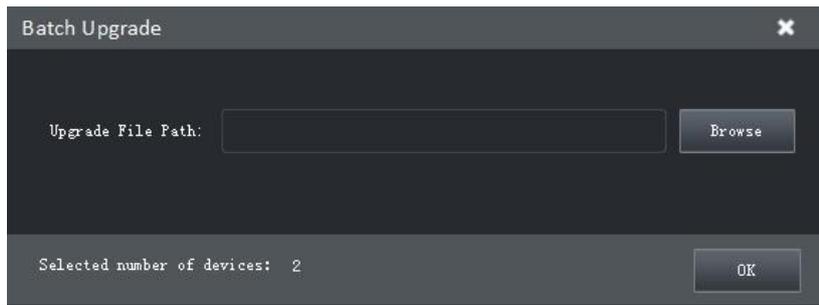The Batch Upgrade dialog box is displayed.See Figure 2-20.

Figure 2-20

Step 4: Click **Browse** to select the files that need to be upgraded.

Step 5: Click **OK** to start upgrading.
Device restart automatically after upgrade.