Utility

IP Utility

V3.5

User's Manual

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1 Getting Started

Start IP Utility

To start IP Utility, double-click the “IP Utility” icon on the desktop.

After double-click “IP Utility”, you will see the page.

It’s searching device.

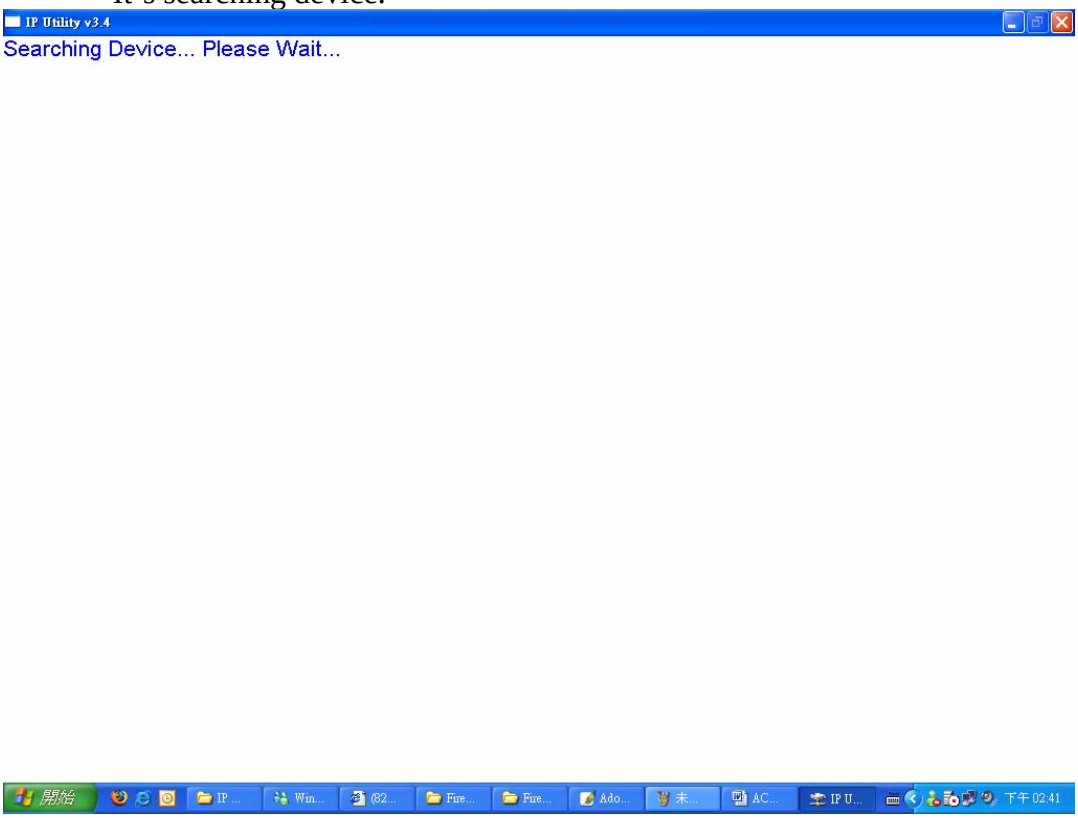

Figure 1. IP Utility

2 IP Utility Listing User Interface

IP Utility is designed with a user-friendly interface, and deployed with minimal training.

Understating the User Interface

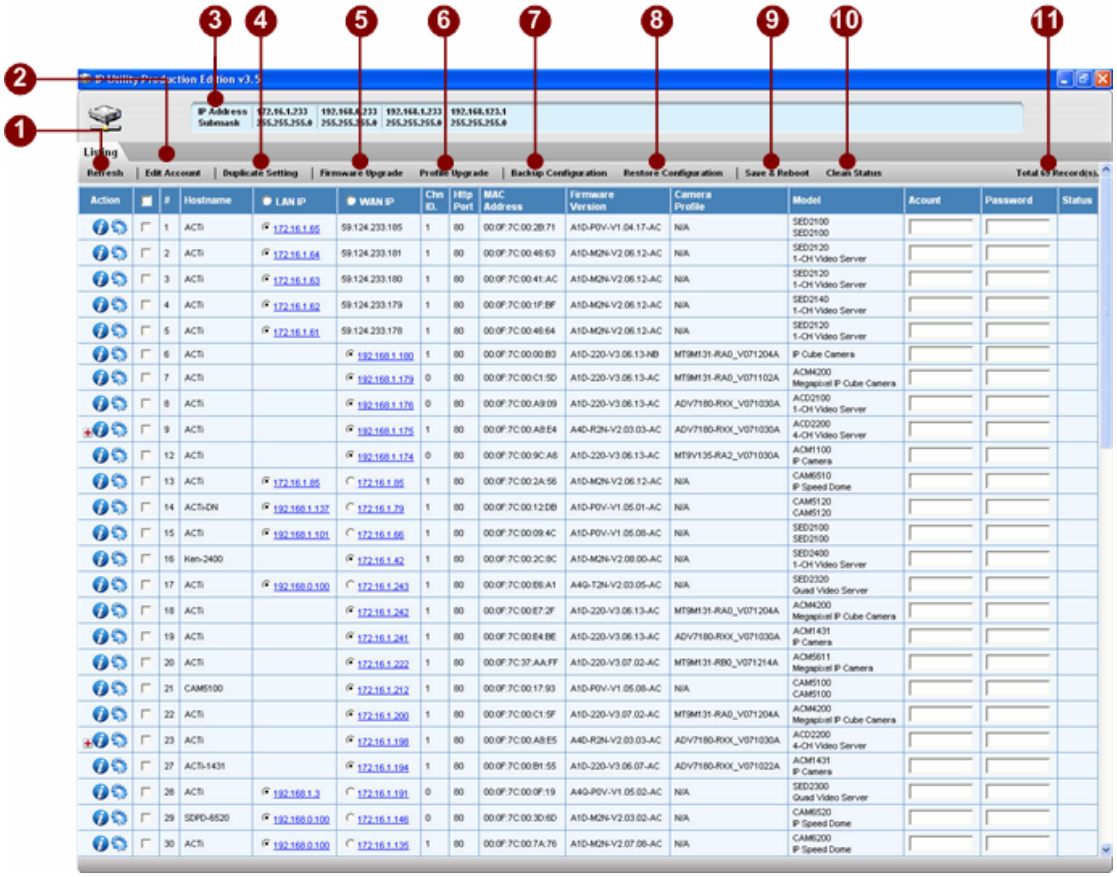

Figure 2. IP Utility Listing User Interface

1. **Refresh**: Refresh this page and search available servers again.
2. **Edit Account**: Display a page to set account and password, and fill setting of selected connections with those data be used to login servers.
3. **IP Address Information**: Display a page to set account and password, and fill setting of selected connections with those data be used to login servers.
4. **Duplicate Setting**: Click this button to let “Hostname” “LAN IP” “WAN IP” of selected connections to be changeable.

5. **Firmware Upgrade**: Update all setting of selected connections, and servers will reboot after several minutes.
6. **Profile Upgrade**: Update profile to device automatically and reboot after upgrade completely.
7. **Backup Configuration**: Duplicate data to selected connections.
8. **Restore Configuration**: Duplicate data to selected connections.
9. **Save and Reboot**: Select all or cancel all selected connections.
10. **Clean Status:** Clean now status
11. **Total search listing**: All connections are connected by LAN IP

Server Information

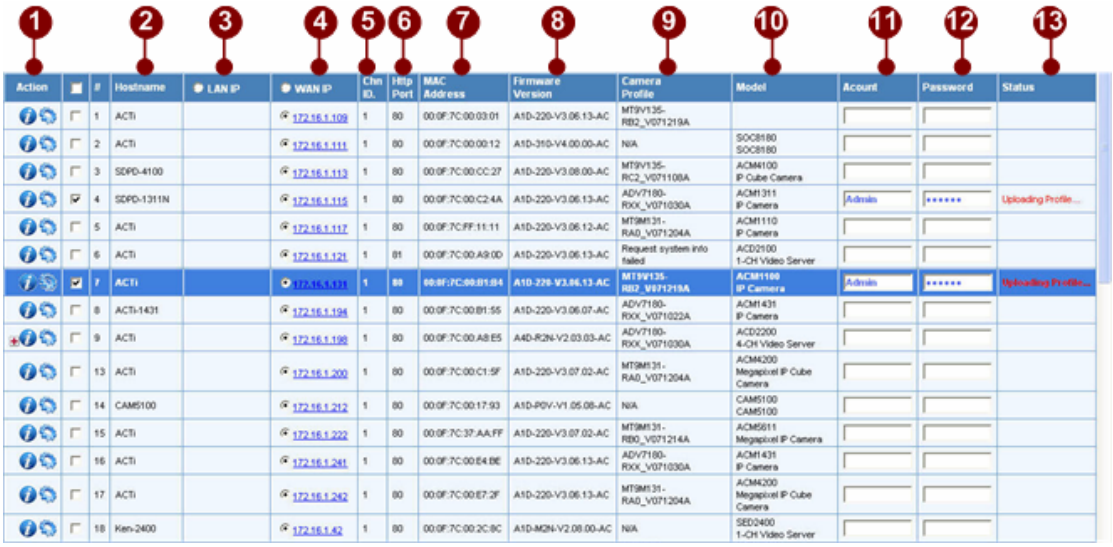

Figure 3. Server Information

1. **Action**:
2. **Hostname**:

> **NOTE:** Before connecting a server, make sure you have chosen the correct type of IP for your device.

3. **LANIP**
4. **WANIP**:
5. **Channel**:
6. **Http Port**:
7. **Mac Address**:
8. **Firmware Version**:
9. **Camera Profile Version**:
10. **Model**:
11. **Account**
12. **Password**
13. **Status**

Server Detail Information

Figure 4. Server detail information

1. Check the checkbox
2. Type account and password
3. Click check detail icon.

The Page of Server Detail Information

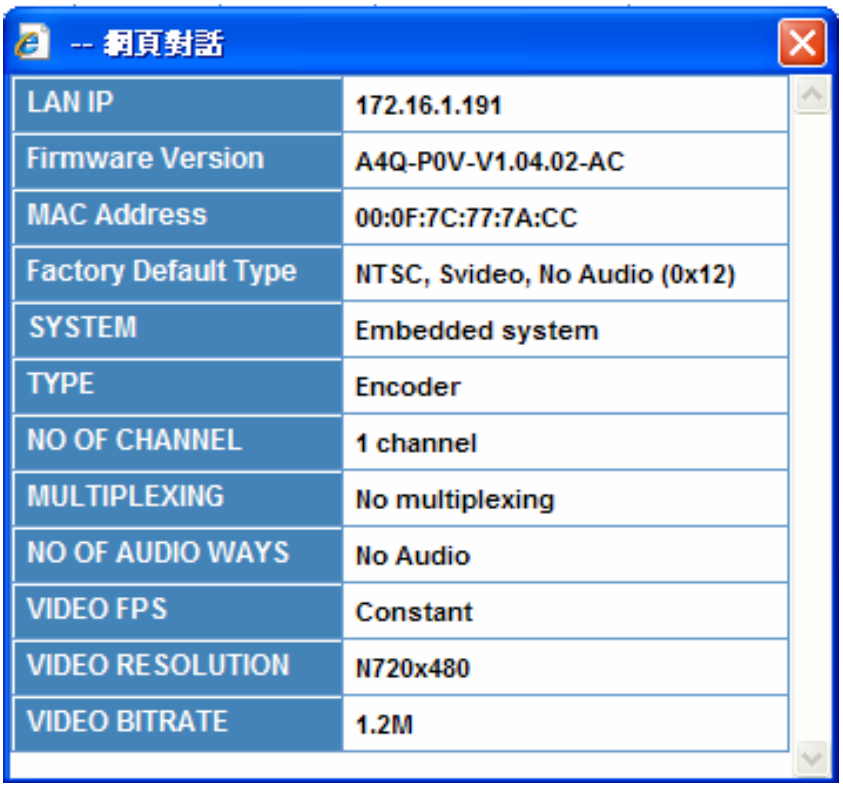

Figure 5. The Page of Server detail Information

Page of Edit Account

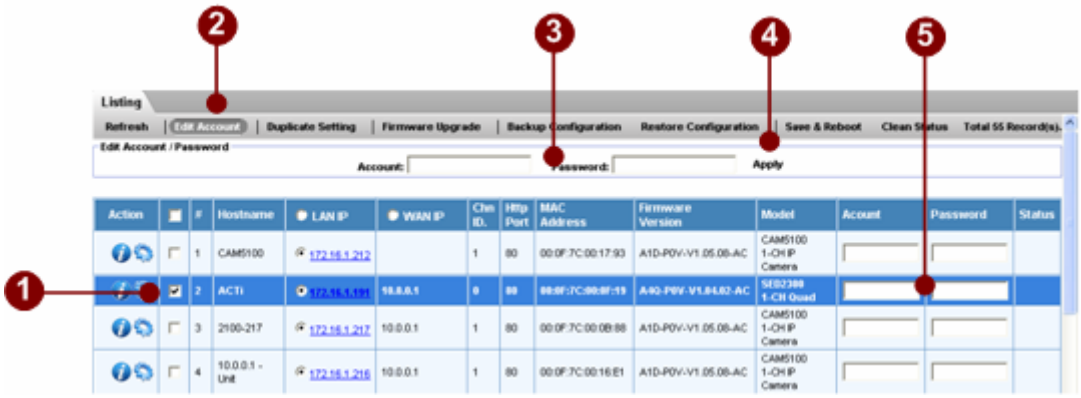

Figure 6. The Page of Edit Account

Checkbox : click checkbox.

Edit Account:

Account and Password : type account and password.

Apply: Click apply button

Account and Password: Auto fill account and password.

Edit

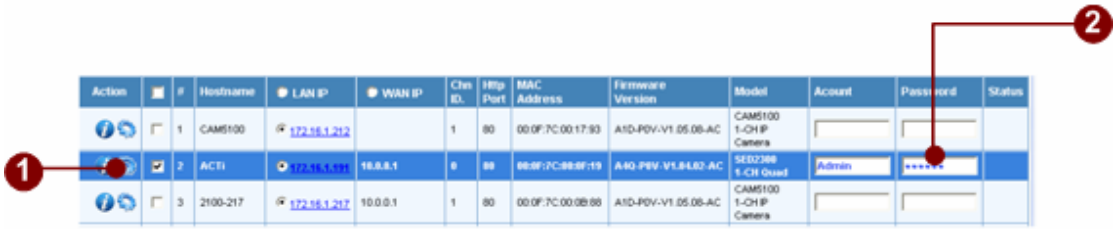

Figure 7. Edit Account

1. **Account&Password** : type account and password
2. **Action** : click on this to change the Hostname, IP Address and port number.

Edit Details

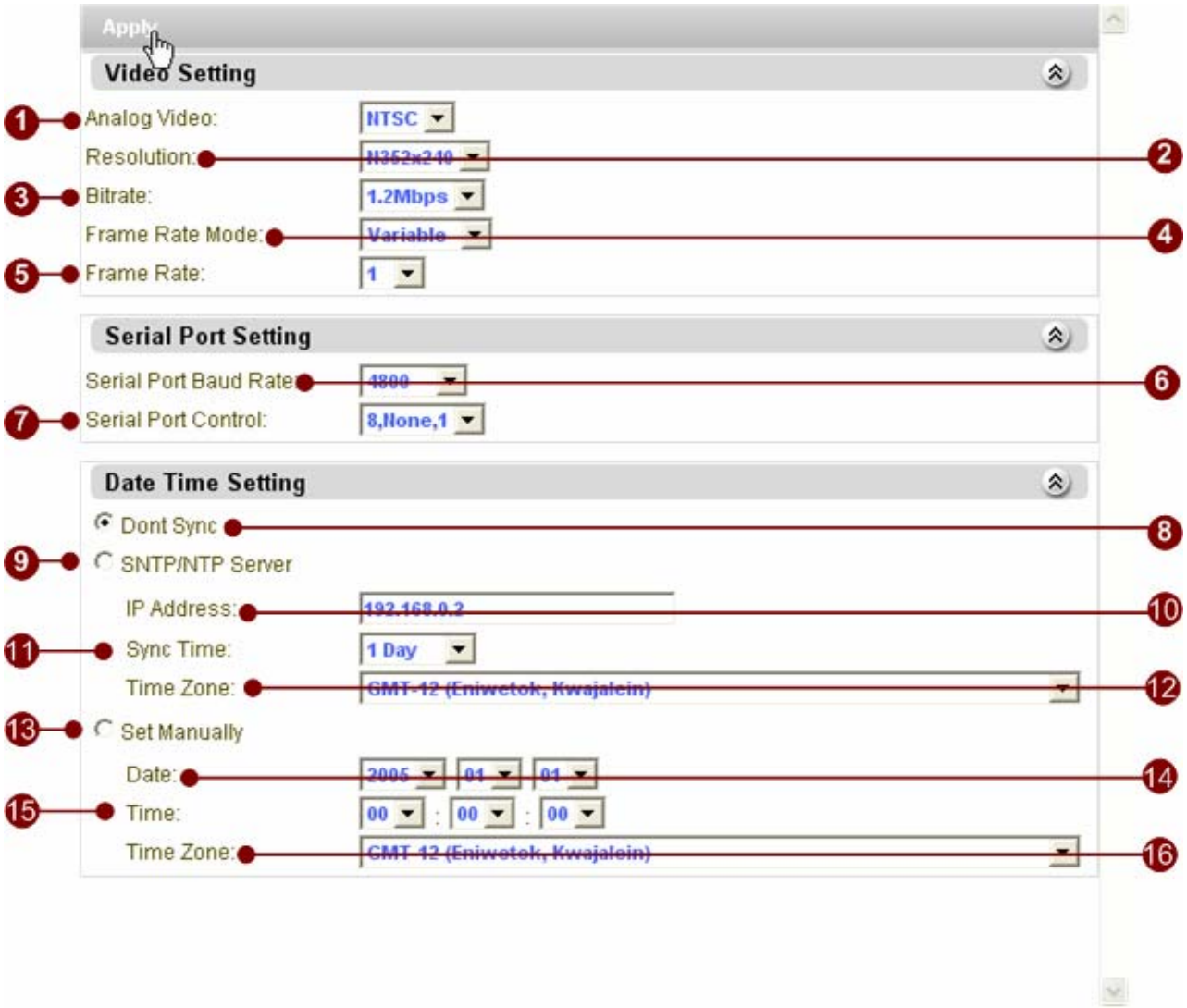

Figure 8. Edit Datails

1. **Analog Video: NTSC, PAL video standard**
2. **Resolution: D1, CIF, QCIF**
3. **Bitrate: 3Mbps, 2.5Mbps, 2Mbps, 1.5Mbps, 1.2Mbps, 1Mbps, 750Kbps, 500Kbps, 384Kbps, 256Kbps, 128Kbps, 64Kbps, 28Kbps**
4. **Frame Rate Mode; Variable, Constant Frame Rate**
5. **Frame Rate: Frame rate selection**
6. **Serial Port Baud Rate: 19200, 9600, 4800, 2400, 1200**
7. **Serial Port Control: N81, E81, N80**
8. **Don’t sync time to server**
9. **Use SNTP/NTP Server to sync time**

10. **NTP Server IP address**
11. **Sync time interval**
12. **Time zone selection**
13. **Set date time manually**
14. **Set date**
15. **Set time**
16. **Time zone selection**
17. **Click “Apply” to apply setting to the IP devices selected**

3 Firmware Upgrade User Interface

Understating the User Interface

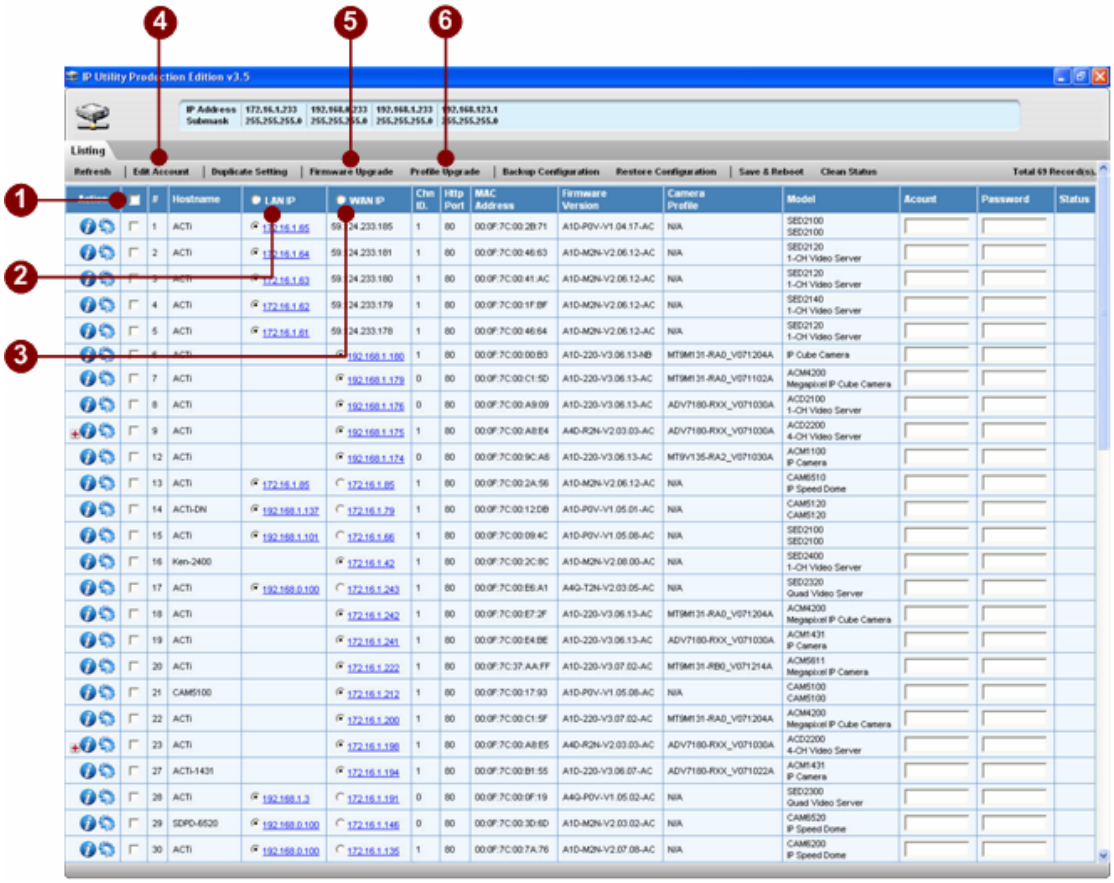

Figure 9. Streaming Explorer User Interface

1. **Select All**: Select all or Cancel all selected connections of listing.
2. **Select all LAN IP**: All connections are connected by LAN IP .
3. **Select all WAN IP**: All connections are connected by WAN IP
4. **Edit Account**: Display a page to set account and password, and fill setting of selected connections with those data be used to login servers.
5. **Firmware Upgrade**: Display the page of firmware upgrade setting.
6. **Profile Upgrade**: Upgrade camera profile to selected camera automatically.

The Page of Firmware Upgrade Setting

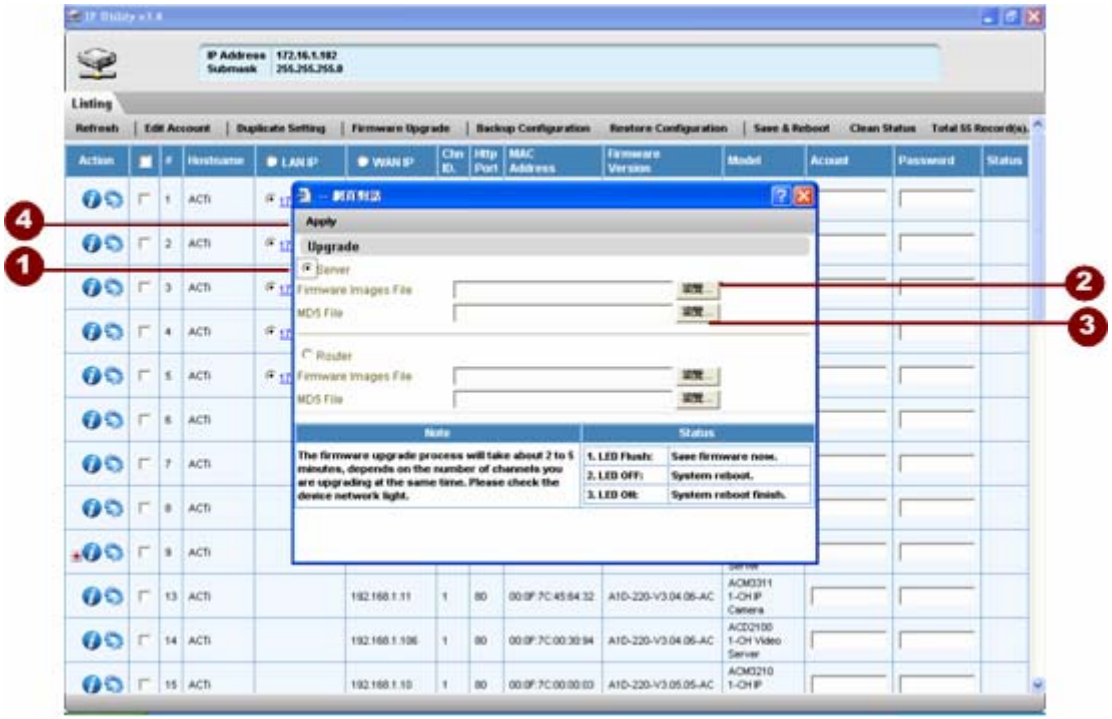

Figure 10. The Page of Firmware Upgrade Setting

1. **Check**: Select the firmware type want to upgrade..
2. **Firmware**: Click “Browse” button to select the firmware you will upgrade.
3. **MD5**: Click “Browse” button to select the MD5 you will upgrade.
4. **Apply**: Click “Apply” button to upgrade firmware and MD5 of this server, after several minutes the server will reboot.

NOTE: Before upgrading the firmware and MD5 of the server, make sure you choose the correct version of this server .

4 IP Utility Backup and Restore

Backup

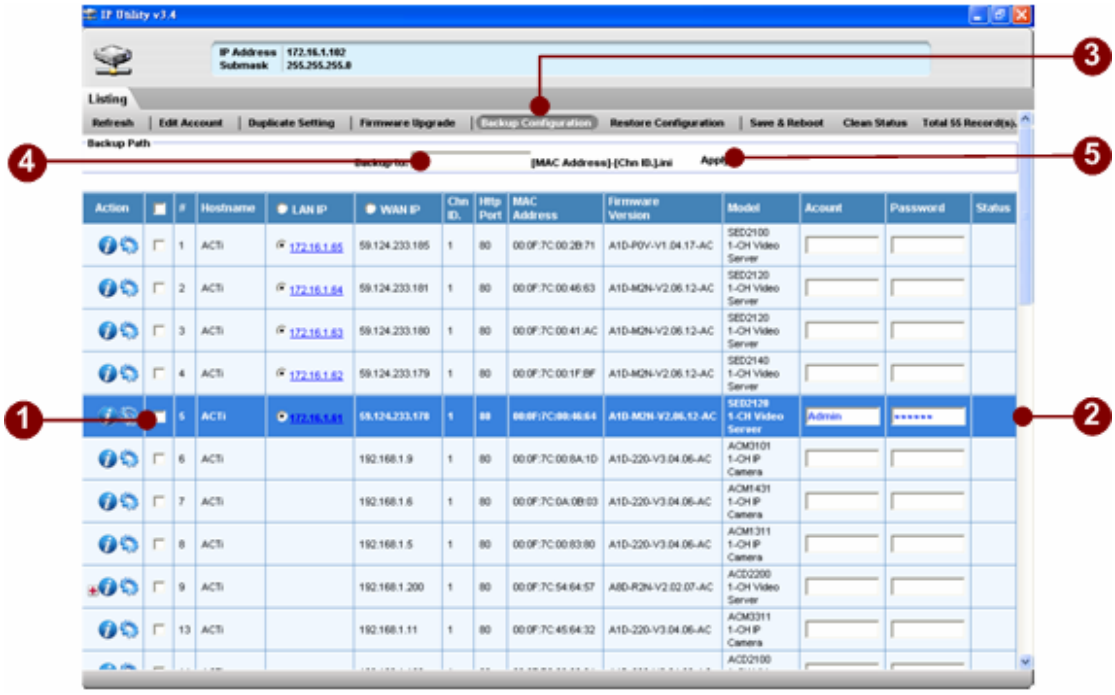

Figure 11. Backup

1. **Selecting all the server that your will backup their setting.**
2. **Enter the authorized account and password by this server.**
3. **Click “Backup” button to backup the setting of selected servers.**
4. **Fill the Path in the Textfield.**
5. **Click “Apply”**

Restore

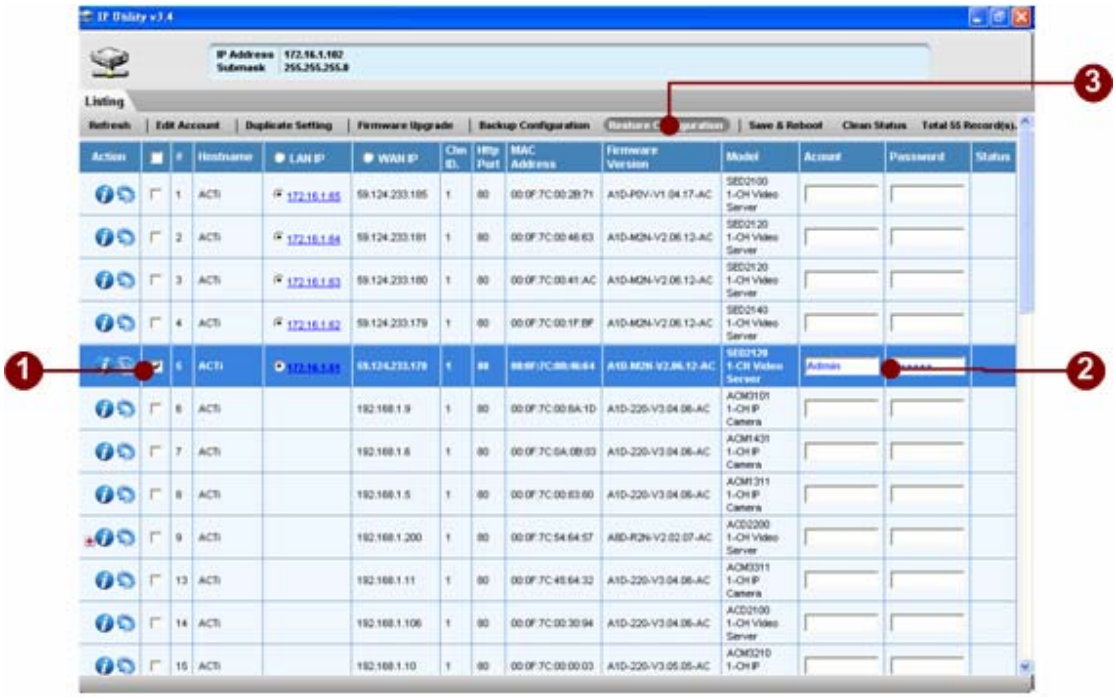

Figure 12. Restore

1. **Selecting the server that your will restore its setting**.
2. **Enter the authorized account and password by this server**.
3. **Click “Restore” button to display the Page of Restore Setting**.

Figure 13. Choose the backup file

1. **Choose a Restore File**
2. **Click "Apply"**