



Software
ACTi IP Utility
V3.00.03

User's Manual



www.acti.com

APP-2100

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1

Getting Started

Install ACTi IP Utility

IP utility is installed along with the Streaming Activator installation. To run this software, please install Streaming Activator first.

Start ACTi IP Utility

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



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

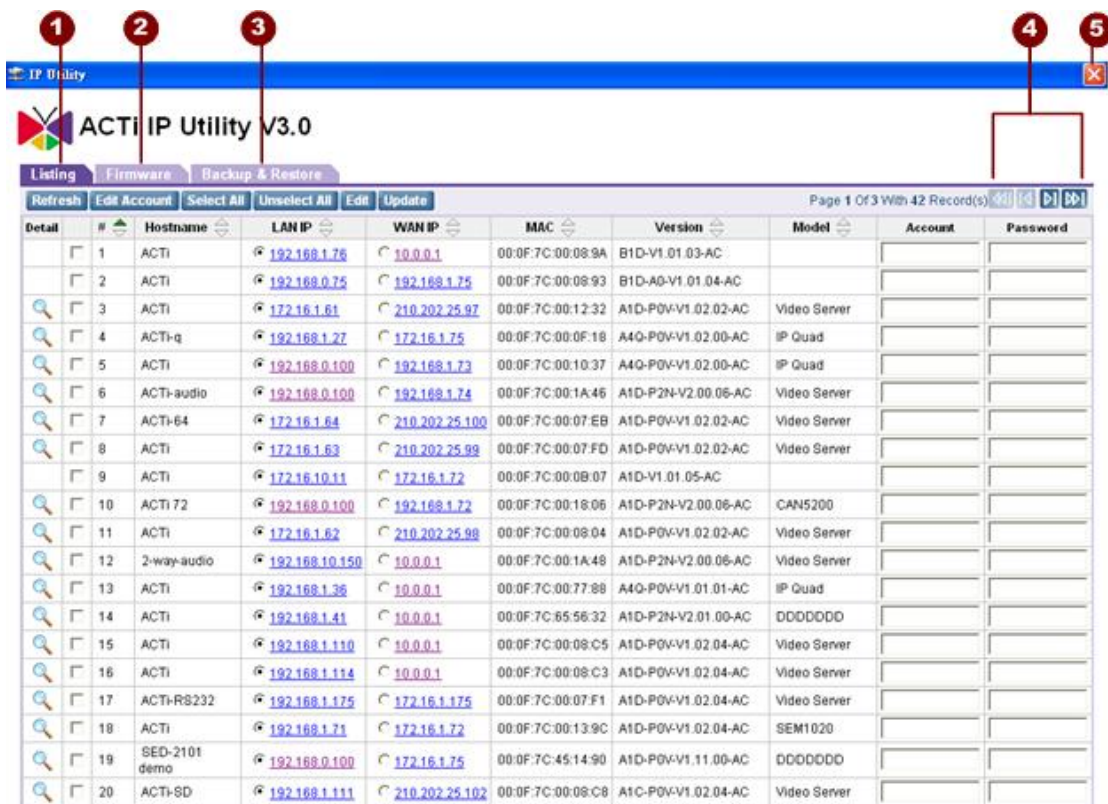


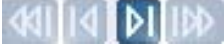



Figure 1. Acti IP Utility

1. **Listing** : Listing of available servers. User can edit “Hostname”

“LAN IP“ “WAN IP” of connections in this page.

2.  : User can upgrade firmware to video server/IP camera/Transcoder in this page by uploading firmware image and MD5 file.
3.  : User can backup and restore the settings of a specific server in this page.
4.  : “First Page” “Previous Page” “Next Page” “Last Page”,click these buttons to skim over listing.
5.  : Click this button to close IP Utility.

2

IP Utility Listing User Interface

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

Understanding the User Interface

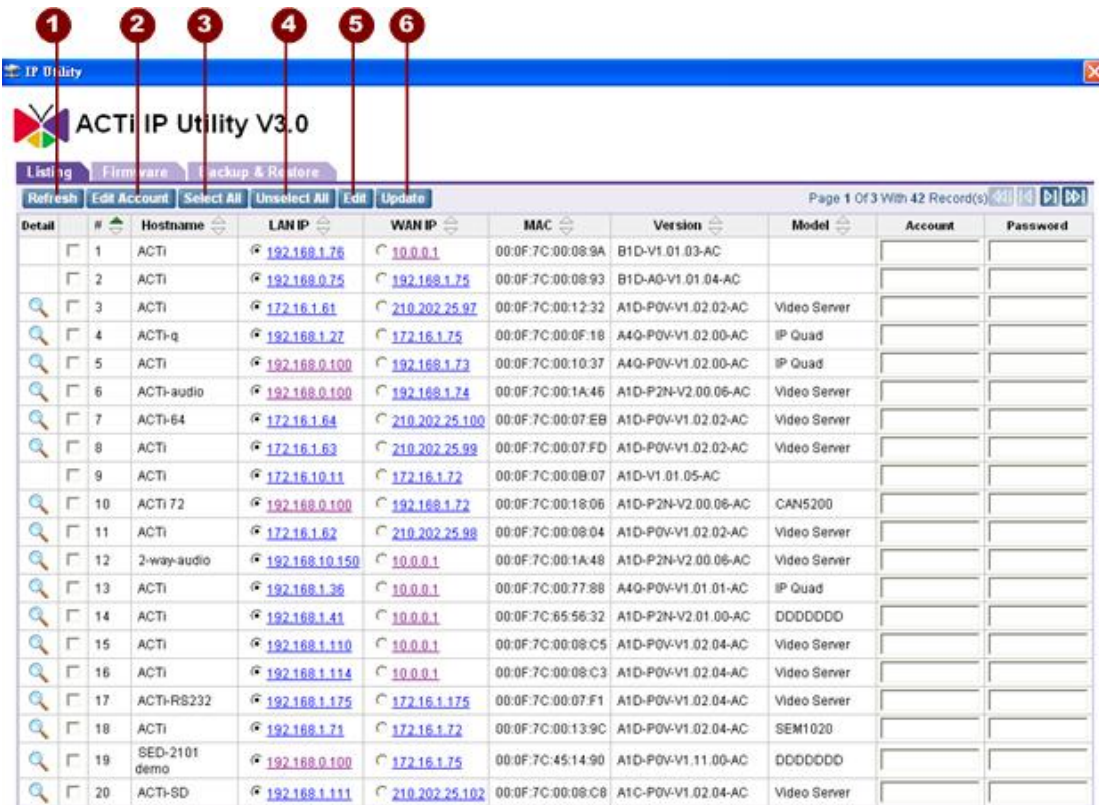


Figure 2. ACTi IP Utility Listing User Interface

1. **Refresh:** Click this button to search available servers and display the new searched results.
2. **Edit Account:** Click this button to display a page for you to set this device's account and password.
3. **Select All:** Select all listed connections.
4. **Unselect All:** Cancel all selected connections.
5. **Edit:** Click this button to let "Hostname" "LAN IP" "WAN IP" of selected connections to be changeable.
6. **Update:** Update all setting of selected connections, and servers will reboot after several minutes.

Server Information

Detail	#	Hostname	LAN IP	WAN IP	MAC	Version	Model	Account	Password
<input type="checkbox"/>	1	ACTi	192.168.1.76	10.0.0.1	00:0F:7C:00:08:9A	B1D-V1.01.03-AC			
<input type="checkbox"/>	2	ACTi	192.168.0.75	192.168.1.75	00:0F:7C:00:08:93	B1D-A0-V1.01.04-AC			
<input type="checkbox"/>	3	ACTi	172.16.1.61	210.202.25.97	00:0F:7C:00:12:32	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	4	ACTi-q	192.168.1.27	172.16.1.75	00:0F:7C:00:0F:18	A4Q-P0V-V1.02.00-AC	IP Quad		
<input type="checkbox"/>	5	ACTi	192.168.0.100	192.168.1.73	00:0F:7C:00:10:37	A4Q-P0V-V1.02.00-AC	IP Quad		
<input type="checkbox"/>	6	ACTi-audio	192.168.0.100	192.168.1.74	00:0F:7C:00:1A:46	A1D-P2N-V2.00.06-AC	Video Server		
<input type="checkbox"/>	7	ACTi-64	172.16.1.64	210.202.25.100	00:0F:7C:00:07:EB	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	8	ACTi	172.16.1.63	210.202.25.99	00:0F:7C:00:07:FD	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	9	ACTi	172.16.10.11	172.16.1.72	00:0F:7C:00:0B:07	A1D-V1.01.05-AC			

Figure 3. Server Information

1. **Hostname:** The name of server.
2. **LAN IP:** The IP of server in local area network.
3. **WAN IP:** The IP of server in wide area network.



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

4. **MAC:** The MAC address of server.
5. **Version:** The firmware version of the video server/IP camera/Transcoder.
6. **Model:** The device type of video server/IP camera/Transcoder.
7. **Account:** Enter the account name authorized by the server for you to change the setting .
8. **Password:** Enter the password authorized by the server for you to change the setting .
9. **Detail:** Click the picture button to display a page with detailed information of the server.

Edit Account

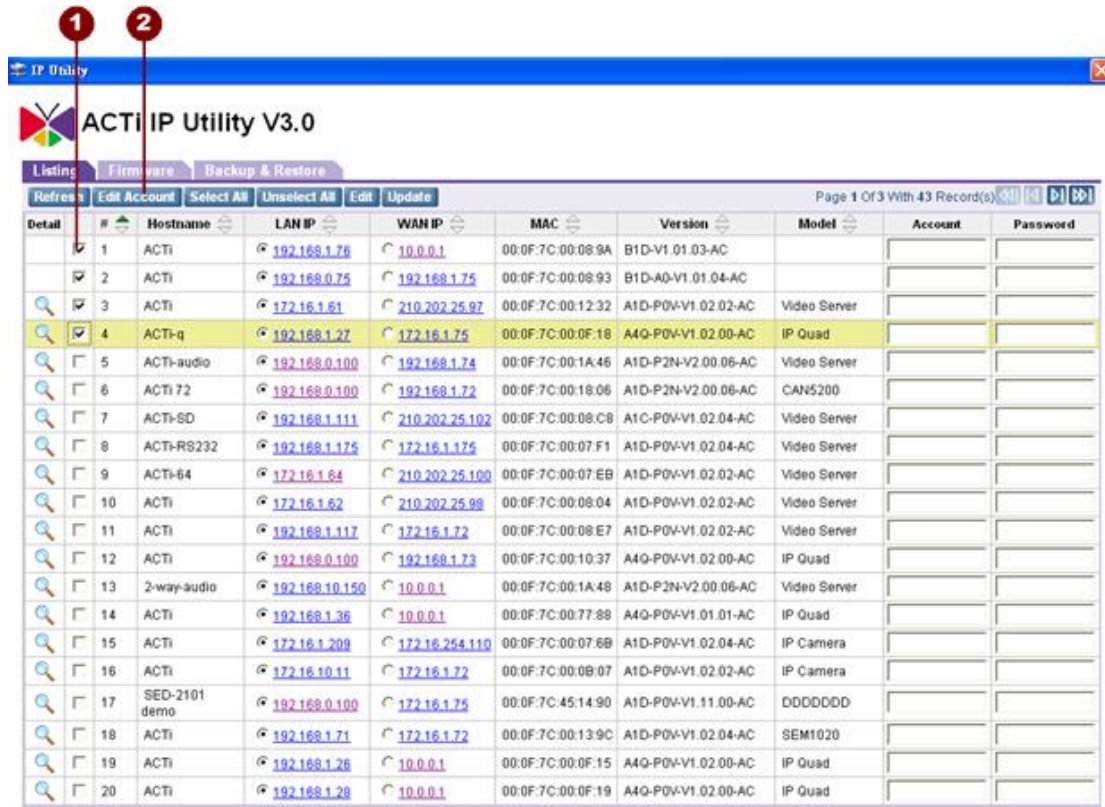


Figure 4. Edit Account

1. Select the video sever/IP camera/Transcoder that you would like to Edit.
2. Click “Edit Account” button to display the page of account and password setting.

Page of Account and Password Setting



Figure 5. PTZ Control Panel

1. **Account:** The account to be authorized by the server.
2. **Password:** The password to be authorized by the server.
3. **Apply:** Click “Apply” button to fill setting of previous selected connections with account and password of this page.

Account and Password setting

The screenshot shows the ACTi IP Utility V3.0 interface. At the top, there are tabs for 'Listing', 'Firmware', and 'Backup & Restore'. Below these are buttons for 'Refresh', 'Edit Account', 'Select All', 'Unselect All', 'Edit', and 'Update'. The main area is a table with columns: Detail, #, Hostname, LAN IP, WAN IP, MAC, Version, Model, Account, and Password. The table contains 20 rows of device information. Red circles labeled '1' and '2' are positioned above the 'Account' and 'Password' columns respectively, indicating the focus of the setting operation.

Detail	#	Hostname	LAN IP	WAN IP	MAC	Version	Model	Account	Password
<input checked="" type="checkbox"/>	1	ACTi	192.168.1.76	10.0.0.1	00:0F:7C:00:08:9A	B1D-V1.01.03-AC		Admin	*****
<input checked="" type="checkbox"/>	2	ACTi	192.168.0.75	192.168.1.75	00:0F:7C:00:08:93	B1D-A0-V1.01.04-AC		Admin	*****
<input checked="" type="checkbox"/>	3	ACTi	172.16.1.61	210.202.25.97	00:0F:7C:00:12:32	A1D-P0V-V1.02.02-AC	Video Server	Admin	*****
<input checked="" type="checkbox"/>	4	ACTi-q	192.168.1.27	172.16.1.75	00:0F:7C:00:0F:18	A4Q-P0V-V1.02.00-AC	IP Quad	Admin	*****
<input type="checkbox"/>	5	ACTi-audio	192.168.0.100	192.168.1.74	00:0F:7C:00:1A:46	A1D-P2N-V2.00.06-AC	Video Server		
<input type="checkbox"/>	6	ACTi	172.16.1.82	210.202.25.98	00:0F:7C:00:08:04	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	7	ACTi	172.16.10.11	172.16.1.72	00:0F:7C:00:0B:07	A1D-P0V-V1.02.02-AC	IP Camera		
<input type="checkbox"/>	8	SED-2101 demo	192.168.0.100	172.16.1.75	00:0F:7C:45:14:90	A1D-P0V-V1.11.00-AC	DDDDDDDD		
<input type="checkbox"/>	9	ACTi 72	192.168.0.100	192.168.1.72	00:0F:7C:00:18:06	A1D-P2N-V2.00.06-AC	CAN5200		
<input type="checkbox"/>	10	2-way-audio	192.168.10.150	10.0.0.1	00:0F:7C:00:1A:48	A1D-P2N-V2.00.06-AC	Video Server		
<input type="checkbox"/>	11	ACTi	192.168.1.42	10.0.0.1	00:0F:7C:00:16:6B	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	12	ACTi	192.168.1.117	172.16.1.72	00:0F:7C:00:08:E7	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	13	ACTi	192.168.1.36	10.0.0.1	00:0F:7C:00:77:88	A4Q-P0V-V1.01.01-AC	IP Quad		
<input type="checkbox"/>	14	ACTi	172.16.1.209	172.16.254.110	00:0F:7C:00:07:6B	A1D-P0V-V1.02.04-AC	IP Camera		
<input type="checkbox"/>	15	ACTi-RS232	192.168.1.175	172.16.1.175	00:0F:7C:00:07:F1	A1D-P0V-V1.02.04-AC	Video Server		
<input type="checkbox"/>	16	ACTi-64	172.16.1.64	210.202.25.100	00:0F:7C:00:07:EB	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	17	ACTi	192.168.1.71	172.16.1.72	00:0F:7C:00:13:9C	A1D-P0V-V1.02.04-AC	SEM1020		
<input type="checkbox"/>	18	ACTi	192.168.1.101	10.0.0.1	00:0F:7C:00:08:D4	A1D-P0V-V1.02.04-AC	Video Server		
<input type="checkbox"/>	19	ACTi	192.168.1.104	10.0.0.1	00:0F:7C:00:08:BB	A1D-P0V-V1.02.04-AC	Video Server		
<input type="checkbox"/>	20	ACTi	172.16.1.83	210.202.25.99	00:0F:7C:00:07:FD	A1D-P0V-V1.02.02-AC	Video Server		

Figure 6. Account and password setting

1. All accounts of selected connections have been set by account data of previous page.
2. All passwords of selected connections have been set by password data of previous page.

Update the Setting of Server

The screenshot shows the ACTi IP Utility V3.0 interface. The table below lists server configurations. Red circles 1 through 5 indicate the steps for updating server settings: 1. Edit button, 2. Hostname, 3. LAN IP, 4. WAN IP, and 5. Update button.

Detail	#	Hostname	LAN IP	WAN IP	MAC	Version	Model	Account	Password
<input checked="" type="checkbox"/>	1	ACTI	192.168.1.76	10.0.0.1	00:0F:7C:00:08:9A	B1D-V1.01.03-AC		Admin	*****
<input checked="" type="checkbox"/>	2	ACTI	192.168.0.75	192.168.1.75	00:0F:7C:00:08:93	B1D-A0-V1.01.04-AC		Admin	*****
<input checked="" type="checkbox"/>	3	ACTI-audio	192.168.0.100	192.168.1.74	00:0F:7C:00:1A:46	A1D-P2N-V2.00.06-AC	Video Server	Admin	*****
<input checked="" type="checkbox"/>	4	ACTI-q	192.168.1.27	172.16.1.75	00:0F:7C:00:0F:18	A4Q-P0V-V1.02.00-AC	IP Quad	Admin	*****
<input type="checkbox"/>	5	ACTI-72	192.168.0.100	192.168.1.72	00:0F:7C:00:18:06	A1D-P2N-V2.00.06-AC	CAN5200		
<input type="checkbox"/>	6	ACTI	192.168.1.117	172.16.1.72	00:0F:7C:00:08:E7	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	7	ACTI-64	172.16.1.64	210.202.25.100	00:0F:7C:00:07:EB	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	8	ACTI	192.168.0.100	192.168.1.73	00:0F:7C:00:10:37	A4Q-P0V-V1.02.00-AC	IP Quad		
<input type="checkbox"/>	9	ACTI	172.16.10.11	172.16.1.72	00:0F:7C:00:0B:07	A1D-P0V-V1.03.02-AC	IP Camera		
<input type="checkbox"/>	10	ACTI-SD	192.168.1.111	210.202.25.102	00:0F:7C:00:08:C8	A1C-P0V-V1.02.04-AC	Video Server		
<input type="checkbox"/>	11	ACTI	172.16.1.61	210.202.25.97	00:0F:7C:00:12:32	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	12	ACTI	192.168.1.42	10.0.0.1	00:0F:7C:00:16:6B	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	13	ACTI	192.168.1.41	10.0.0.1	00:0F:7C:85:56:32	A1D-P2N-V2.01.00-AC	DDDDDD		
<input type="checkbox"/>	14	ACTI	192.168.1.35	10.0.0.1	00:0F:7C:00:1A:47	A1D-P2N-V2.00.06-AC	Video Server		
<input type="checkbox"/>	15	ACTI	192.168.1.114	10.0.0.1	00:0F:7C:00:08:C3	A1D-P0V-V1.02.04-AC	Video Server		
<input type="checkbox"/>	16	ACTI	172.16.1.123	192.168.1.123	00:0F:7C:00:00:24	A1D-M2N-V2.01.01-AC	DEB2200		
<input type="checkbox"/>	17	ACTI	172.16.1.62	210.202.25.98	00:0F:7C:00:08:04	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	18	ACTI	192.168.1.110	10.0.0.1	00:0F:7C:00:08:C5	A1D-P0V-V1.02.04-AC	Video Server		
<input type="checkbox"/>	19	ACTI	192.168.1.101	10.0.0.1	00:0F:7C:00:08:D4	A1D-P0V-V1.02.04-AC	Video Server		
<input type="checkbox"/>	20	ACTI	192.168.1.28	10.0.0.1	00:0F:7C:00:0F:19	A4Q-P0V-V1.02.00-AC	IP Quad		

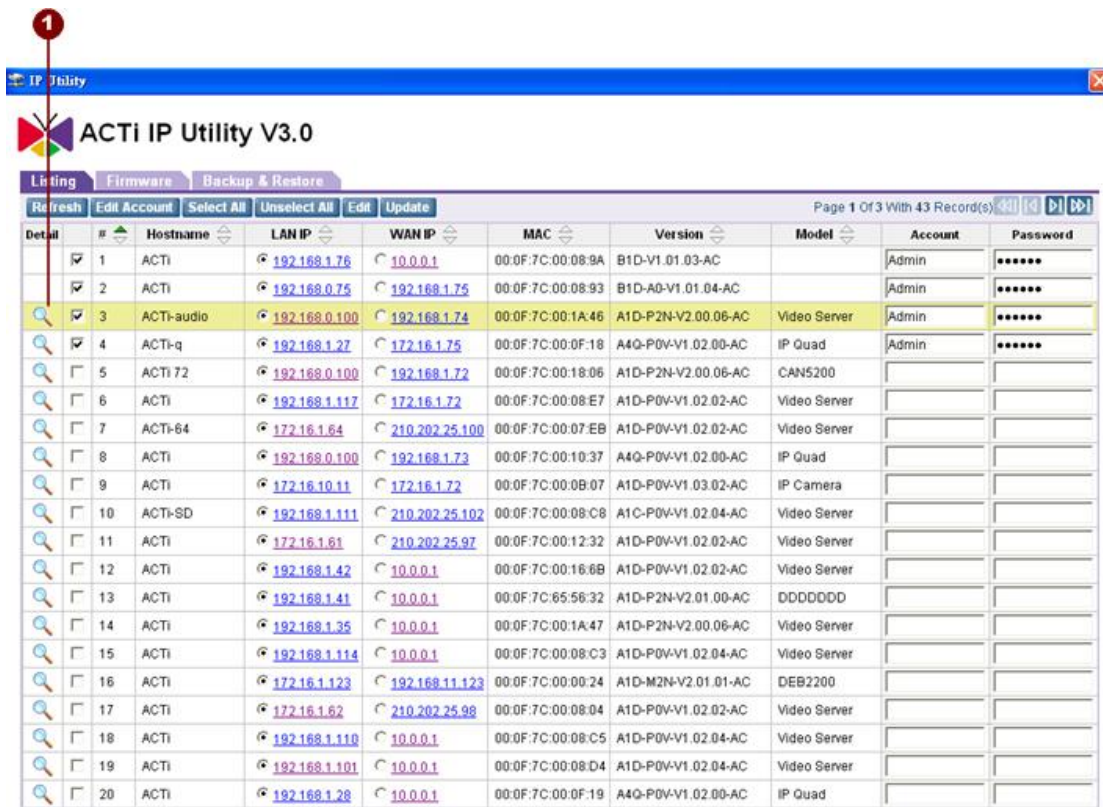
Figure 7. Update the Setting of Server

1. Click the “Edit” button, the “Hostname” “LAN IP” “WAN IP” settings of selected servers will be changeable.
2. Edit the textbox of hostname of the device.
3. Edit the textbox of LAN IP of the device.
4. Edit the textbox of WAN IP of device.
5. Click the “Update” button, your setting data for selected devices will be updated. These settings will take effect and after 40secs for those devices to reboot.



NOTE: Before sending setting data to the server, make sure you use authorized accounts and passwords and choose the correct type of IP for your device.

Server Detail Information



ACTI IP Utility V3.0

Listing Firmware Backup & Restore

Page 1 Of 3 With 43 Record(s)

Detail	#	Hostname	LAN IP	WAN IP	MAC	Version	Model	Account	Password
<input checked="" type="checkbox"/>	1	ACTI	192.168.1.76	10.0.0.1	00:0F:7C:00:08:9A	B1D-V1.01.03-AC		Admin	*****
<input checked="" type="checkbox"/>	2	ACTI	192.168.0.75	192.168.1.75	00:0F:7C:00:08:93	B1D-A0-V1.01.04-AC		Admin	*****
<input checked="" type="checkbox"/>	3	ACTI-audio	192.168.0.100	192.168.1.74	00:0F:7C:00:1A:46	A1D-P2N-V2.00.06-AC	Video Server	Admin	*****
<input checked="" type="checkbox"/>	4	ACTI-q	192.168.1.27	172.16.1.75	00:0F:7C:00:0F:18	A4Q-P0V-V1.02.00-AC	IP Quad	Admin	*****
<input type="checkbox"/>	5	ACTI 72	192.168.0.100	192.168.1.72	00:0F:7C:00:18:06	A1D-P2N-V2.00.06-AC	CAN5200		
<input type="checkbox"/>	6	ACTI	192.168.1.117	172.16.1.72	00:0F:7C:00:08:E7	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	7	ACTI-64	172.16.1.64	210.202.25.100	00:0F:7C:00:07:EB	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	8	ACTI	192.168.0.100	192.168.1.73	00:0F:7C:00:10:37	A4Q-P0V-V1.02.00-AC	IP Quad		
<input type="checkbox"/>	9	ACTI	172.16.10.11	172.16.1.72	00:0F:7C:00:0B:07	A1D-P0V-V1.03.02-AC	IP Camera		
<input type="checkbox"/>	10	ACTI-SD	192.168.1.111	210.202.25.102	00:0F:7C:00:08:C8	A1C-P0V-V1.02.04-AC	Video Server		
<input type="checkbox"/>	11	ACTI	172.16.1.61	210.202.25.97	00:0F:7C:00:12:32	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	12	ACTI	192.168.1.42	10.0.0.1	00:0F:7C:00:16:6B	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	13	ACTI	192.168.1.41	10.0.0.1	00:0F:7C:65:56:32	A1D-P2N-V2.01.00-AC	DDDDDDD		
<input type="checkbox"/>	14	ACTI	192.168.1.35	10.0.0.1	00:0F:7C:00:1A:47	A1D-P2N-V2.00.06-AC	Video Server		
<input type="checkbox"/>	15	ACTI	192.168.1.114	10.0.0.1	00:0F:7C:00:08:C3	A1D-P0V-V1.02.04-AC	Video Server		
<input type="checkbox"/>	16	ACTI	172.16.1.123	192.168.11.123	00:0F:7C:00:09:24	A1D-M2N-V2.01.01-AC	DEB2200		
<input type="checkbox"/>	17	ACTI	172.16.1.62	210.202.25.98	00:0F:7C:00:08:04	A1D-P0V-V1.02.02-AC	Video Server		
<input type="checkbox"/>	18	ACTI	192.168.1.110	10.0.0.1	00:0F:7C:00:08:C5	A1D-P0V-V1.02.04-AC	Video Server		
<input type="checkbox"/>	19	ACTI	192.168.1.101	10.0.0.1	00:0F:7C:00:08:D4	A1D-P0V-V1.02.04-AC	Video Server		
<input type="checkbox"/>	20	ACTI	192.168.1.28	10.0.0.1	00:0F:7C:00:0F:19	A4Q-P0V-V1.02.00-AC	IP Quad		

Figure 8. Server detail information

1. Click this picture button to display the page of server detailed information.

The Page of Server Detail Information



The image shows a screenshot of a web browser window with a blue title bar containing the text "-- 網頁對話" and standard window control buttons. The main content area displays a table titled "Listing" with the following data:

Listing	
Hostname	ACTI-64
LAN IP	172.16.1.64
Firmware Version	A1D-P0V-V1.02.02-AC
MAC Address	00:0F:7C:00:07:EB
Serial ID	SED2100-05B-8-00061
SYSTEM	Embedded system
TYPE	Encoder
NO OF CHANNEL	1 channel
MULTIPLEXING	No multiplexing
NO OF AUDIO WAYS	No Audio
VIDEO FPS	Constant
VIDEO RESOLUTION	N352x240
VIDEO BITRATE	256K

Figure 9. The Page of Server detail Information

3

Firmware Upgrade User Interface

Understanding the User Interface

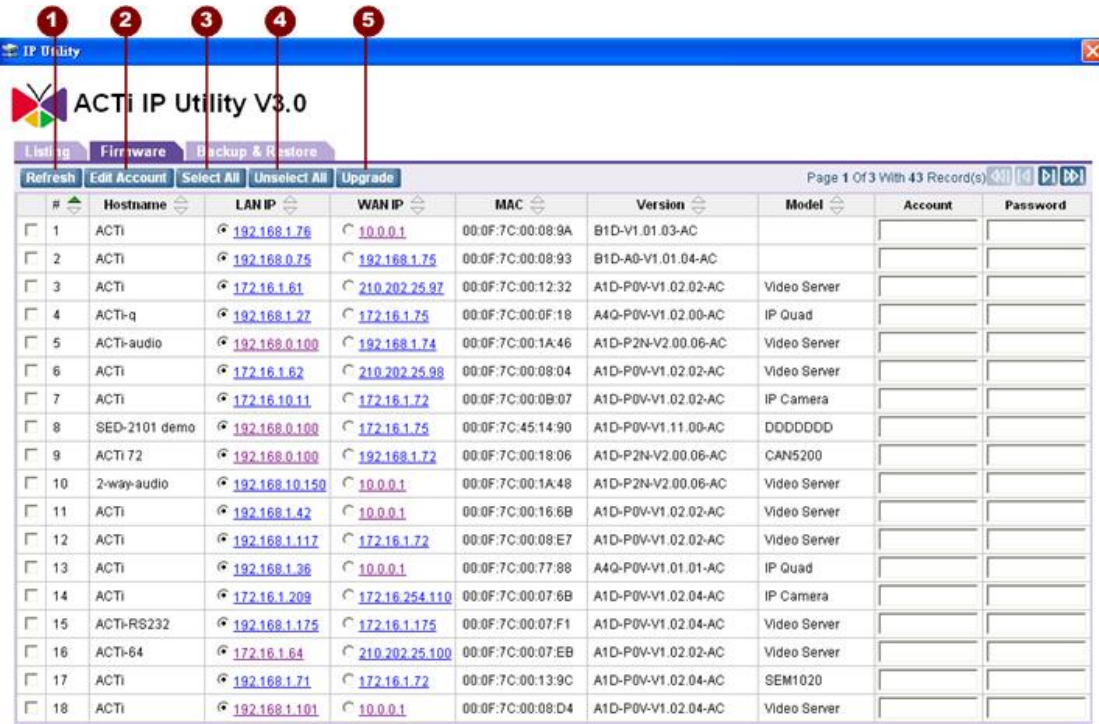


Figure 10. ACTi IP utility User Interface

1. **Refresh:** Click this button to search available servers and display the new searched results
2. **Edit Account:** Click this button to display a page for you to set this device's account and password.
3. **Select All:** Select all listed connections.
4. **Unselect All:** Cancel all selected connections
5. **Upgrade:** Click this button to display the page to upgrade firmware.

Firmware Update

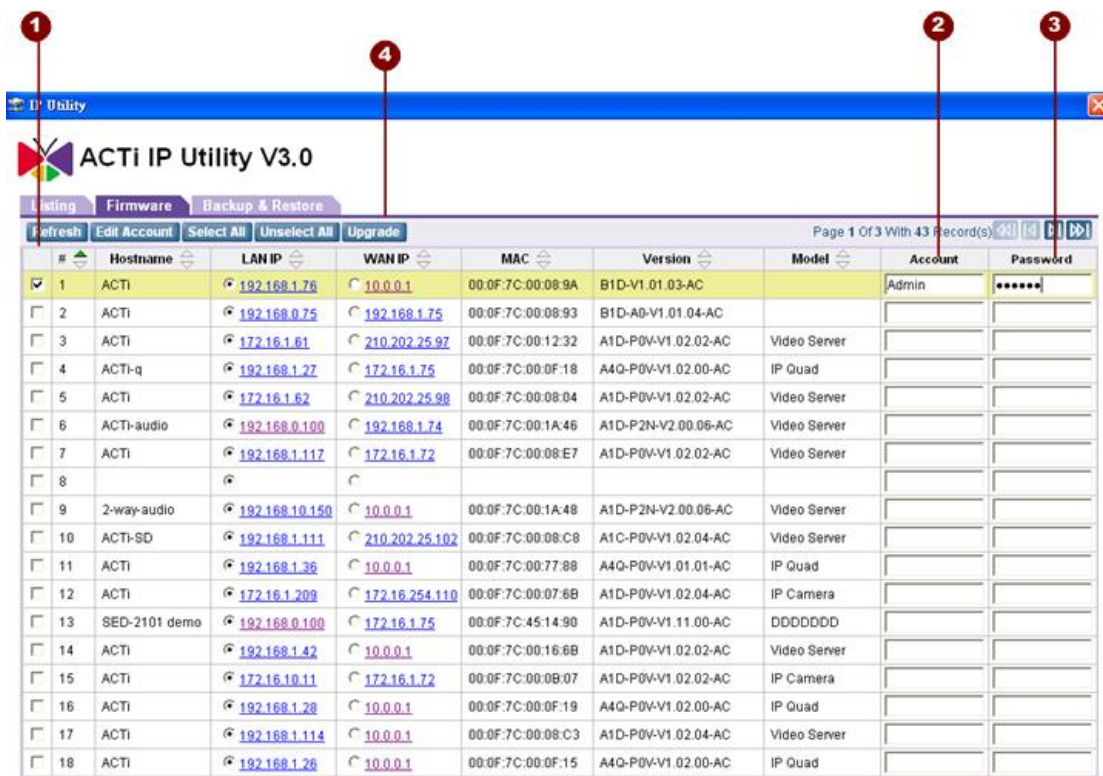


Figure 11. Firmware Upgrade

1. Selecting the device that your will update its firmware.
2. Enter the authorized account of this device.
3. Enter the authorized password of this device.
4. Click "Upgrade" button to display the page to upgrade firmware.

The Page of Firmware Upgrade Setting

URL Firmware Upgrade -- 網頁對話

Firmware Upgrade

Server IP: 192.168.1.76
Version: B1D-V1.01.03-AC

1 Login:

2 Password:

3 Firmware: 瀏覽...

4 MD5: 瀏覽...

Apply Reset

1. LED Flush: Save firmware now.
2. LED OFF: System reboot.
3. LED ON: System reboot finish. Please close this window.

5 6

Figure 12. The Page of Firmware Upgrade Setting

1. **Login:** Enter the account name authorized by this server.
2. **Password:** Enter the account password related to the account name.
3. **Firmware:** Select the firmware images to be upload by clicking on the “Browse” button and find specified img.
4. **MD5:** Select the MD5 file to be upload by clicking on the “Browse” button and find specified MD5.



NOTE: Make sure you select the firmware image and the MD5 of the same version.

5. **Apply:** Click “Apply” button to start uploading the firmware image and MD5 file to the device, and device will reboot. It will take around 5 mins.
6. **Reset:** Click “Reset” button to clear your current setting.



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

Firmware Upgrade Version Error



Figure 13. Firmware Upgrade Version Error

4 IP Utility Backup and Restore

Understanding the User Interface

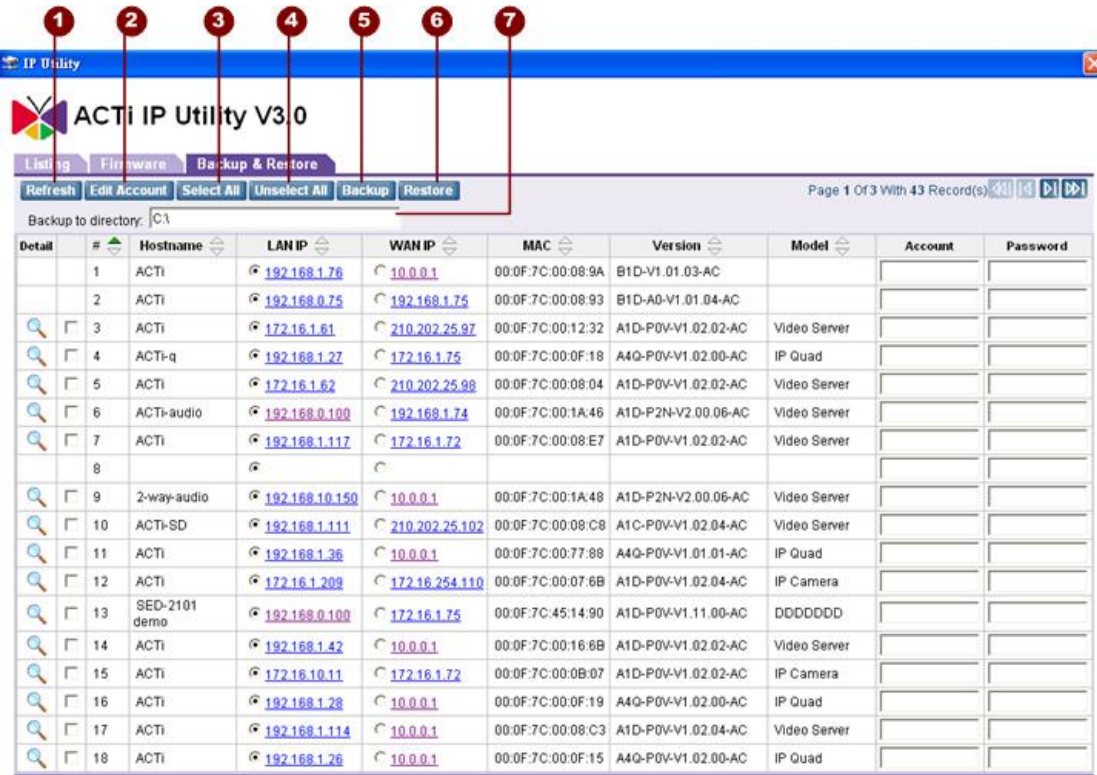


Figure 14. Backup and Restore User Interface

1. **Refresh:** Click this button to search available servers and display the new searched results.
2. **Edit Account:** Click this button to display a page for you to set this device's account and password.
3. **Select All:** Select all listed connections.
4. **Unselect All:** Cancel all selected connections.
5. **Backup:** Click this button to backup all of setting of selected device.
6. **Restore:** Click this button to restore the setting of you selected device.
7. **Backup to the Directory:** Setting the backup file path where you will put the files of the settings of devices.

Backup

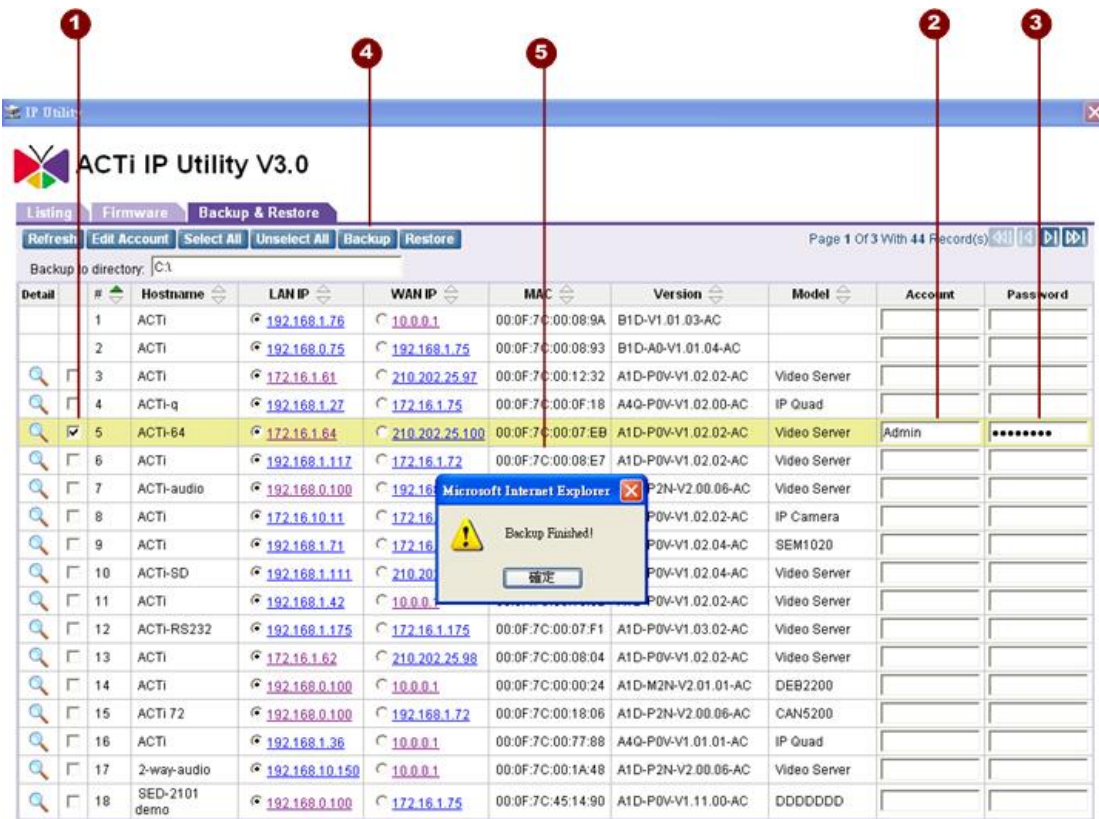


Figure 15. Backup

1. Selecting all the devices that your would like backup their settings.
2. Enter the authorized account name of this server.
3. Enter the authorized account password of this server.
4. Click “Backup” button to backup the setting of selected servers.
5. Once succeed, the “Backup Finished” message will appear.

Resotre

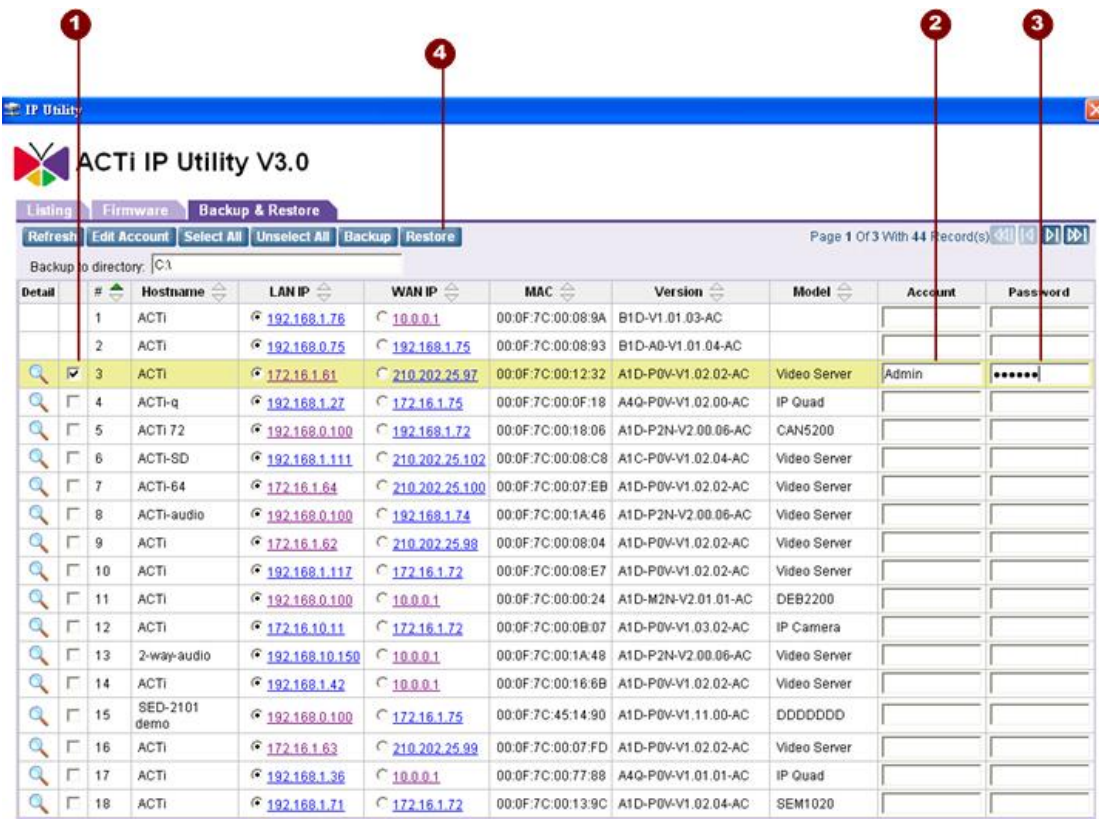


Figure 16. Restore

1. Selecting the server that you would like to restore its setting.
2. Enter the authorized account name of this server.
3. Enter the authorized account password of this server.
4. Click "Restore" button to display the Page of Restore Setting for you to restore the settings.

The Page of Restore Setting

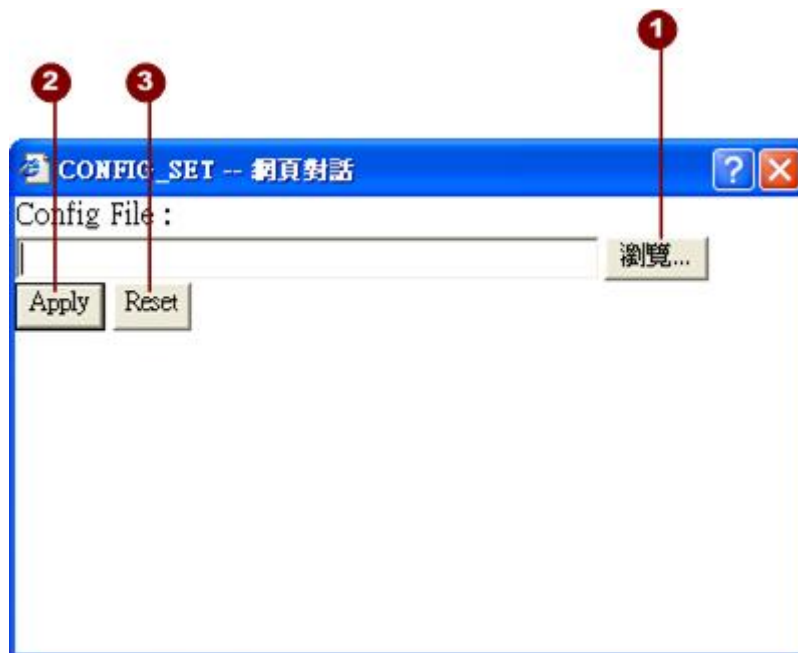


Figure 17. The Page of Restore Setting

1. **Config File:** Click “Browse” button to select the backup file you wish restore the device to.
2. **Apply:** Click “Apply” button to restore the settings of this device to settings in the backup file
3. **Reset:** Click “Reset” button to clear your current settings for this server.