

• Action	System will reboot when failing to ping the IP.
-----------------	---

5.2.6 Firmware Upgrade

Click “**System Configuration**” → “**Firmware Upgrade**” and the following page will be displayed.



Figure 5-39 Firmware Upgrade

Object	Description
• Browse	Click Browse to select the firmware file, and click Upgrade to upgrade the firmware.

5.2.7 Configuration Save and Restore

Click “**System Configuration**” → “**Configuration Save and Restore**” and the following page will be displayed.

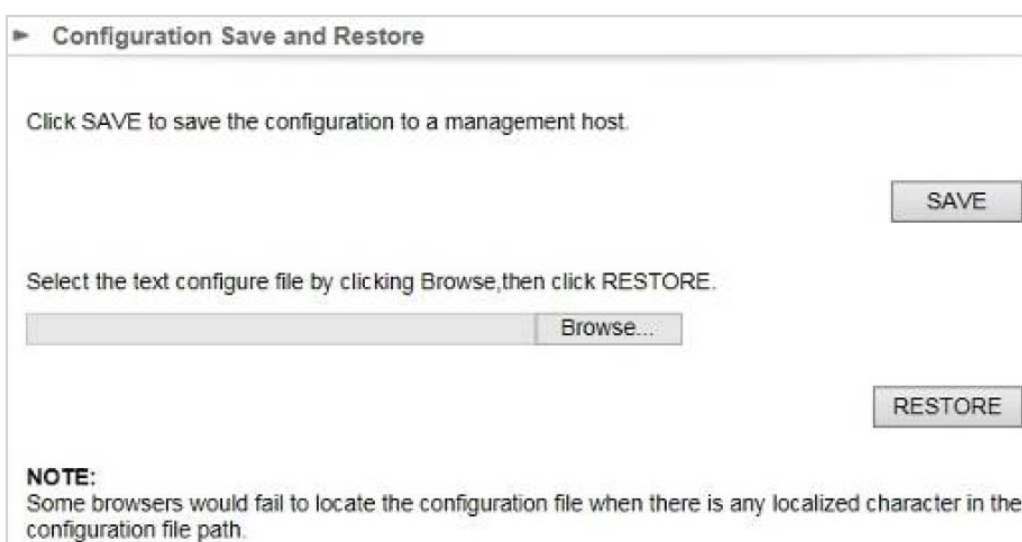


Figure 5-40 Configuration Save and Restore

Object	Description
--------	-------------

• SAVE	Click SAVE to save the configuration to a management host.
• Browse	Click Browse to select the configuration file, and click Restore to restore the configuration file.

5.2.8 Factory Default

Click “**System Configuration**” → “**Factory Default**” and the following page will be displayed.

Press **YES** to restore to factory default.

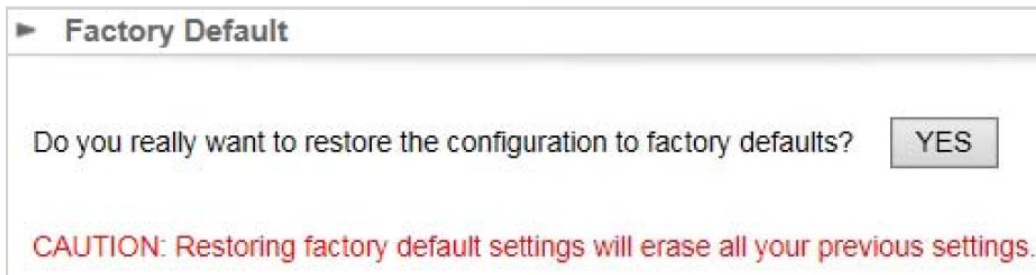


Figure 5-41 Factory Default

5.2.9 Reboot System

Click “**System Configuration**” → “**Reboot System**” and the following page will be displayed.

Press **YES** to reboot the system.

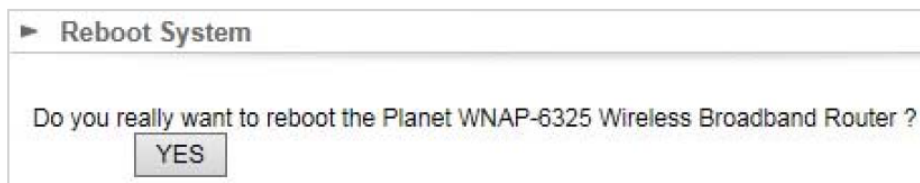


Figure 5-42 Reboot System

5.2.10 Schedule Reboot

Click “**System Configuration**” → “**Schedule Reboot**” and the following page will be displayed.

This page allows you to enable and configure system reboot schedule. The device can regularly reboot according to the reserved time when connecting to the Internet.

► **Schedule Reboot**

This page allows you to enable and configure system reboot schedule. The device can regularly reboot according to the reserved time when connection to the Internet.

Schedule Reboot: Enable Disable

Reboot Time: (Hour: Minute, ex: 02:23, or 13:14)

Reboot Plan: ▼

Weekday: SUN MON TUE WED THUR FRI SAT

Figure 5-43 Schedule Reboot

Object	Description
• Schedule Reboot	Enable or Disable this function.
• Reboot Time	Enter the time that you want to reboot this device.
• Reboot Plane	Select Weekday to reboot in the day you choose or Every day .
• Weekday	Select the day that you want to reboot.



1. This setting will only take effect when the Internet connection is accessible and the GMT time is configured correctly.
2. You must select at least one day when choosing “**Weekday**” as your reboot plan.
3. When choosing “**Every day**” as your reboot plan, the “**Weekday**” will be grayed out (disabled), which means **Every day** will auto reboot at the time that you schedule.

- Example of how to configure **Schedule Reboot**. Please take the following Steps:

Before configuring schedule reboots, please ensure the Internet connection is accessible and the GMT time is configured correctly according to **NTP Settings** page.

Step 1. Enable the “Schedule Reboot”.

Step 2. Enter the Reboot Time (24-hour format) to enable this function to take effect. For example, if you want this function to work at 23:00 every Sunday, choose “Weekday” in the Reboot Plan field.

► **Schedule Reboot**

This page allows you to enable and configure system reboot schedule. The device can regularly reboot according to the reserved time when connection to the Internet.

Schedule Reboot: Enable Disable

Reboot Time: (Hour: Minute, ex: 02:23, or 13:14)

Reboot Plan: ▼

Weekday: SUN MON TUE WED THUR FRI SAT

Figure 5-44 Schedule Reboot - Example

Step 3. Click the “Apply Changes” button to take this function effect.

5.3 Tools

5.3.1 Network Ping

Click “Tools” → “Network Ping” and the following page will be displayed.

Ping is a network tool used to test whether a particular host is reachable across an IP network.

Enter the IP, Ping Count, and click “Ping” to diagnostic your internet connection.

► Network Ping

► Network Traceroute

► Network Ping

Please assign an IP address to run Ping function against.

Destination IP Address:

Ping Number:

Ping Packet Size: Bytes

Ping Result:

Figure 5-45 Network Ping

5.3.2 Network Traceroute

Click “Tools” → “Network Traceroute” and the following page will be displayed.

Traceroute is a computer network diagnostic tool for displaying the route (path) and measuring transit delays of packets across an Internet Protocol (IP) network. It can help identify connection problems. Enter the IP and click “Traceroute” to diagnostic your internet connection.

▶ Network Ping

▶ Network Traceroute

▶ Network Traceroute

Please assign an IP address to run Traceroute function against.

Destination IP Address:

Max hop:

Result:

Host	Response Time
------	---------------

Figure 5-46 Network Traceroute

5.4 Device Status

The screenshot displays the 'Device Status' page. At the top, there are navigation tabs: 'Operation Mode', 'System Configuration', 'Tools', 'Device Status' (highlighted), and 'Logout'. On the left, a sidebar menu contains: 'Device Information' (highlighted), 'Wireless Information', 'LAN Information', 'Internet Information', 'Wireless Client Table', and 'System Log'. The main content area is titled 'Device Information' and contains the following data:

Device Information

- Firmware Version: 1.0.9 (Dec 25 2014)
- Device IP: 192.168.1.253
- Device MAC: A8:F7:E0:0C:66:69
- Gateway IP: 192.168.1.253
- DNS IP: 8.8.4.4
- Wireless MAC: A8:F7:E0:0C:66:6B
- Uptime: (dd:hh:mm:ss) 0 day 1:37:26
- CPU Loading: 0%

Memory Information

Total Available:	73%	47820KB / 65536KB
Used:	15%	7100KB / 47820KB
Free:	85%	40720KB / 47820KB
Buffers:	0%	0KB / 7100KB
Cached:	13%	900KB / 7100KB

ARP Table

IP Address	MAC Address	Interface
192.168.1.110	b8:70:f4:b5:e5:da	br0

Figure 5-47 Device Status

5.4.1 Device Information

Click "Device Status" → "Device Information" and the following page will be displayed.

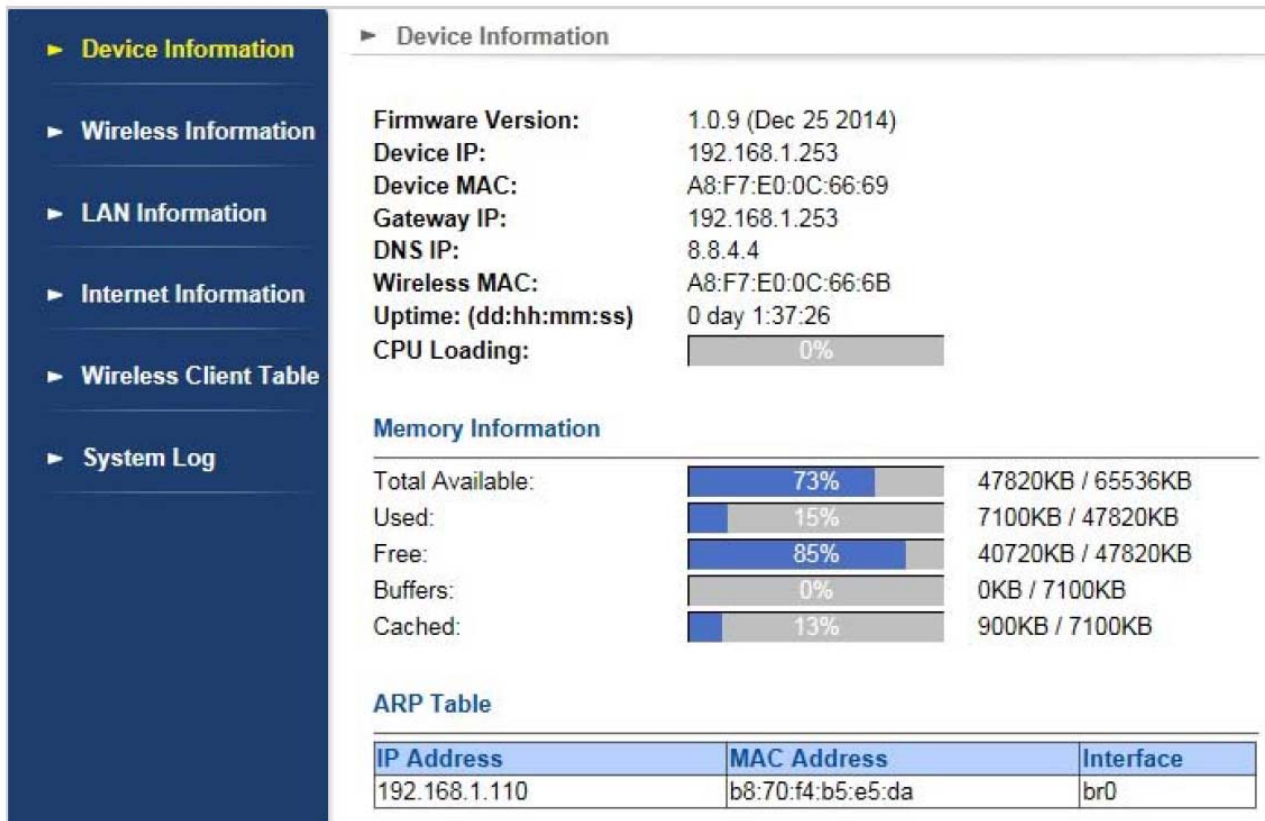


Figure 5-48 Device Information

The page includes the following fields:

Object	Description
• Firmware Version	Displays current F/W version.
• Device IP	Displays IP of AP.
• Device MAC	Displays AP's LAN MAC address.
• Gateway IP	Displays Gateway IP of AP.
• DNS IP	Displays DNS IP of AP.
• Wireless MAC	Displays AP's Wireless MAC address.
• Uptime	Display the uptime of AP.
• CPU Loading	Display the CPU loading of AP.

5.4.2 Wireless Information

Click "Device Status" → "Wireless Information" and the following page will be displayed.

▶ Device Information	▶ Wireless Information			
▶ Wireless Information	Operation Mode:	Wireless ISP		
▶ LAN Information	Physical Address:	A8:F7:E0:0C:66:6B		
▶ Internet Information	Remote AP SSID:	WNAP-6325		
▶ Wireless Client Table	Band:	11NGHT40		
▶ System Log	Radio Channel:	Auto Channel		
	Remote Encryption:	NONE		
	Transmit Power:	27 dBm		
	WLAN Statistics			
		Bytes	Packets	Errors
	Received:	0	0	0
	Transmitted:	5309508	104108	0

Figure 5-49 Wireless Information

The page includes the following fields:

Object	Description
• Operation Mode	Displays current Operation Mode.
• Physical address	Displays AP's Wireless MAC address.
• SSID	It is the wireless network name. The default SSID is WNAP-6325 .
• Band	Display operating channel width which is 11NG HT20 or 11NG HT40 .
• Radio Channel	Display the channel you would like to use. The channel range will be changed by selecting different domain.
• Wireless Encryption	Display the encryption type that you would like to use.
• Transmit Power	Display the TX power that you would like to use.

5.4.3 LAN Information

Click "Device Status" → "LAN Information" and the following page will be displayed.

▶ Device Information	▶ LAN Information														
▶ Wireless Information	Physical Address: A8:F7:E0:0C:66:69 IP Address: 192.168.1.253 Network Mask: 255.255.255.0 Default Gateway: 192.168.1.253 DHCP Server: Enabled DHCP Start IP Address: 192.168.1.100 DHCP Finish IP Address: 192.168.1.200														
▶ LAN Information	LAN Statistics <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;"></th> <th style="width: 15%;">Bytes</th> <th style="width: 15%;">Packets</th> <th style="width: 10%;">Errors</th> </tr> </thead> <tbody> <tr> <td>Received:</td> <td style="text-align: center;">10551</td> <td style="text-align: center;">81</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Transmitted:</td> <td style="text-align: center;">41497</td> <td style="text-align: center;">348</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>				Bytes	Packets	Errors	Received:	10551	81	0	Transmitted:	41497	348	0
	Bytes	Packets	Errors												
Received:	10551	81	0												
Transmitted:	41497	348	0												
▶ Internet Information															
▶ Wireless Client Table															
▶ System Log															

Figure 5-50 LAN Information

The page includes the following fields:

Object	Description
• Physical Address	Displays AP's LAN MAC address.
• IP Address	Displays IP of AP.
• Network Mask	Displays Network Mask of AP.
• Default Gateway	Displays Gateway IP of AP.
• DHCP Server	Enable or Disable DHCP server.
• DHCP Start IP Address	Enter the starting IP address for the DHCP server's IP assignment.
• DHCP Finish IP Address	Enter the ending IP address for the DHCP server's IP assignment.

5.4.4 Wireless Client Table

Click "Device Status" → "Wireless Client Table" and the following page will be displayed.

▶ Device Information	▶ Wireless Client Table											
▶ Wireless Information	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">No.</th> <th style="width: 40%;">Mac Address</th> <th style="width: 20%;">Connection Speed(Mbps)</th> <th style="width: 10%;">Signal Strength (dB)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">80:e6:50:1d:c2:ac</td> <td style="text-align: center;">265</td> <td style="text-align: center;">-52</td> </tr> </tbody> </table>				No.	Mac Address	Connection Speed(Mbps)	Signal Strength (dB)	1	80:e6:50:1d:c2:ac	265	-52
No.	Mac Address	Connection Speed(Mbps)	Signal Strength (dB)									
1	80:e6:50:1d:c2:ac	265	-52									
▶ LAN Information												
▶ Internet Information												
▶ Wireless Client Table												
▶ System Log												

Figure 5-51 Wireless Client Table

The page includes the following fields:

Object	Description
• No.	Displays the number of connecting device.
• Mac Address	Displays Mac address of AP.
• Connection Speed	Displays connection speed of device.
• Signal Strength	Display signal strength of device. The signal strength between “-30 and 70” can setup a reliable connection.

5.4.5 System Log

Choose menu “Device Status → “System Log” to view the logs of the Wireless AP.

The screenshot shows the 'System Log' interface. On the left is a navigation menu with options: Device Information, Wireless Information, LAN Information, Internet Information, Wireless Client Table, and System Log (highlighted). The main area displays a scrollable list of log entries. Each entry includes a timestamp (1970-01-01 00:00:16), a severity level in brackets (e.g., [Informational], [Notice], [Warning]), and a message from the kernel or syslogd. The messages include system boot information, kernel version (2.6.31--LSDK-9.2.0_U11.14), hardware details (flash size, memory, CPU revision), and network-related warnings and informational messages.

```

1970-01-01 00:00:16 [Informational] syslogd: syslogd started: Bu
1970-01-01 00:00:16 [Notice] kernel: klogd started: BusyBox v1.01 (2015.04.07-14
1970-01-01 00:00:16 [Notice] kernel: Linux version 2.6.31--LSDK-9.2.0_U11.14 (ro
1970-01-01 00:00:16 [Warning] kernel: flash_size passed from bootloader = 16
1970-01-01 00:00:16 [Warning] kernel: arg 1: mem=64M
1970-01-01 00:00:16 [Warning] kernel: arg 2: console=ttyS0,115200
1970-01-01 00:00:16 [Warning] kernel: arg 3: root=31:02
1970-01-01 00:00:16 [Warning] kernel: arg 4: rootfstype=jffs2
1970-01-01 00:00:16 [Warning] kernel: arg 5: init=/sbin/init
1970-01-01 00:00:16 [Warning] kernel: arg 6: mtdparts=ath-nor0:256k(u-boot),64k(
1970-01-01 00:00:16 [Informational] kernel: CPU revision is: 0001974c (MIPS 74Kc
1970-01-01 00:00:16 [Warning] kernel: ath sys frequency: cpu arif ddr arif cpu 5
1970-01-01 00:00:16 [Informational] kernel: Determined physical RAM map:
1970-01-01 00:00:16 [Informational] kernel: memory: 02000000 @ 00000000 (usable
1970-01-01 00:00:16 [Warning] kernel: Actions configured
1970-01-01 00:00:16 [Warning] kernel: Netfilter messages via NETLINK v0.30.
1970-01-01 00:00:16 [Warning] kernel: nf_conntrack version 0.5.0 (1024 buckets,
1970-01-01 00:00:16 [Warning] kernel: CONFIG_NF_CT_ACCT is deprecated and will b
1970-01-01 00:00:16 [Warning] kernel: or
1970-01-01 00:00:16 [Warning] kernel: sysctl net.netfilter.nf_conntrack_acct=1 b
1970-01-01 00:00:16 [Warning] kernel: ctnetlink v0.93: registering with nfnetlin
1970-01-01 00:00:16 [Informational] kernel: xt_time: kernel timezone is -0000
1970-01-01 00:00:16 [Informational] kernel: arp_tables: (C) 2002 David S. Miller
1970-01-01 00:00:16 [Informational] kernel: TCP cubic registered
1970-01-01 00:00:16 [Informational] kernel: NET: Registered protocol family 17

```

Figure 5-52 System Log

5.5 Logout

Select "Logout" to logout the system.



Figure 5-53 Logout



Figure 5-54 Re-login

Appendix A: Troubleshooting

If you found the AP is working improperly or stop responding to you, please read this troubleshooting first before contacting the Planet Tech Support for help. Some problems can be solved by yourself within very short time.

Scenario	Solution
The AP is not responding to me when I want to access it by web browser.	<ol style="list-style-type: none"> a. Please check the connection of the power cord and the Ethernet cable of this AP. All cords and cables should be correctly and firmly inserted to the AP. b. If all LEDs on this AP are off, please check the status of power adapter, and make sure it is correctly powered. c. You must use the same IP address section that AP uses. d. Are you using MAC or IP address filter? Try to connect the AP by another computer and see if it works; if not, please reset the AP to the factory default settings (Press the 'reset' button for over 10 seconds). e. Set your computer to static IP address, and see if the Planet Smart Discovery can find the AP or not. f. If you did a firmware upgrade and this happens, contact the Planet Tech Support for help. g. If all the solutions above don't work, contact the Planet Tech Support for help.
I can't get connected to the Internet.	<ol style="list-style-type: none"> a. Check the Internet connection status from the router that is connected with the AP. b. Please be patient. Sometimes Internet is just that slow. c. If you have connected a computer to Internet directly before, try to do that again, and check if you can get connected to Internet with your computer directly attached to the device provided by your Internet service provider. d. Check PPPoE / L2TP / PPTP user ID and password in your router again. e. Call your Internet service provider and check if there's something wrong with their service. f. If you just can't connect to one or more website, but you can still use other internet services, please check URL/Keyword filter. g. Try to reset the AP and try again later. h. Reset the device provided by your Internet service provider. i. Try to use IP address instead of hostname. If you can use IP address to communicate with a remote server, but can't use hostname, please check DNS setting.
I can't locate my AP by my wireless	<ol style="list-style-type: none"> a. 'Broadcast ESSID' set to off?

device.	<ul style="list-style-type: none"> b. The antenna is properly secured. c. Are you too far from your AP? Try to get closer. d. Please remember that you have to input ESSID on your wireless client manually, if ESSID broadcast is disabled.
File downloading is very slow or breaks frequently.	<ul style="list-style-type: none"> a. Are you using QoS function? Try to disable it and try again. b. Internet is slow sometimes; try to be patient. c. Try to reset the AP and see if it's better after that. d. Try to know what computers do on your local network. If someone's transferring big files, other people will think Internet is really slow. e. If this never happens before, call you Internet service provider to know if there is something wrong with their network.
I can't log into the web management interface; The password is wrong.	<ul style="list-style-type: none"> a. Make sure you're connecting to the correct IP address of the AP. b. Password is case-sensitive. Make sure the 'Caps Lock' light is not illuminated. c. If you really forget the password, do a hard reset.
The AP becomes hot	<ul style="list-style-type: none"> a. This is not a malfunction, if you can keep your hand on the AP's case. b. If you smell something wrong or see the smoke coming out from AP or A/C power adapter, please disconnect the AP and A/C power adapter from utility power (make sure it's safe before you're doing this!), and call your dealer for help.

Appendix B: Use Planet Smart Discovery to find AP

To easily discover the WNAP-6325 in your Ethernet environment, the Planet Smart Discovery Utility from user's manual CD-ROM is an ideal solution.

The following install instructions will guide you to running the Planet Smart Discovery Utility.

Step 1: Deposit the **Planet Smart Discovery Utility** in administrator PC.

Step 2: Execute this utility.



Step 3: Click the **“Refresh”** button as shown below to update the list of the currently connected devices.

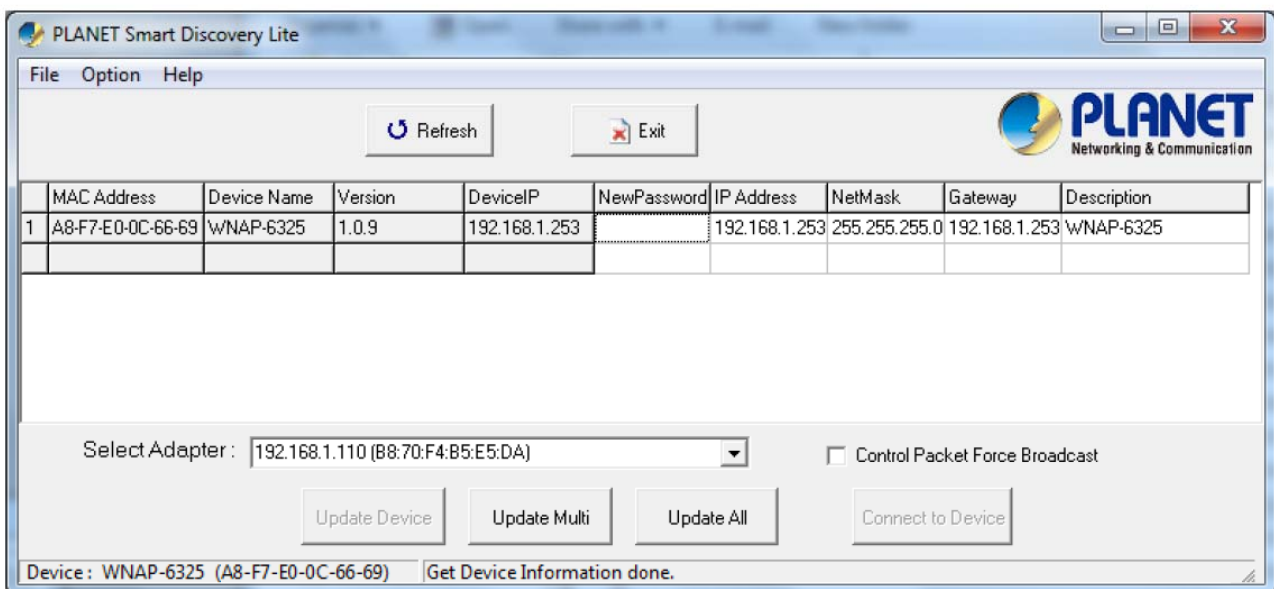


Figure C-1

Step 3: Select the WNAP-6325 from the list and then click the **“Connect to Device”** button to login to the Web Management Configuration Page.



Note

The fields in white background can be modified directly, and then you can apply the new setting by clicking the **“Update Device”** button.