

Instructions for SimplicityTouch Gen 3 IFPs

Update Internal Router Firmware

Topics Covered:

How to update the FW of the internal router.

Model Numbers Covered: All Generation 3 Models

Last Update: 5/20/2019

e: support@recordexusa.com

TOOLS REQUIRED:

None.

ESTIMATED TIME REQUIRED:

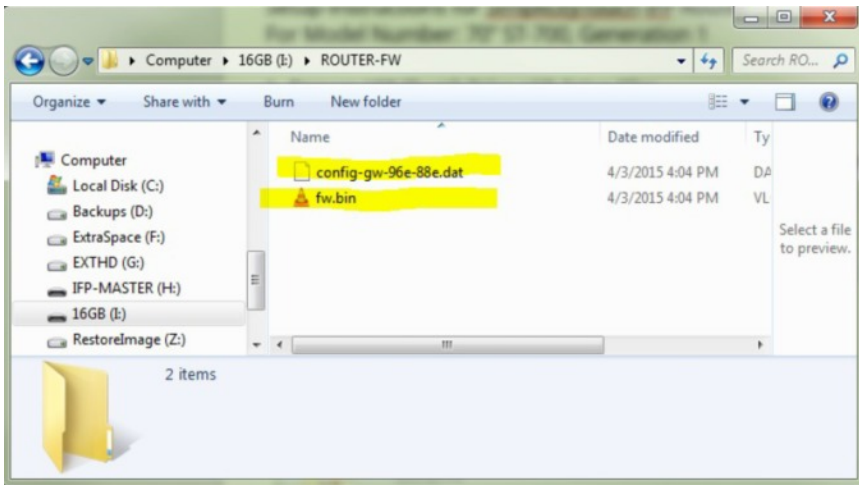
Less than 10 min.

Update the firmware of the internal router.

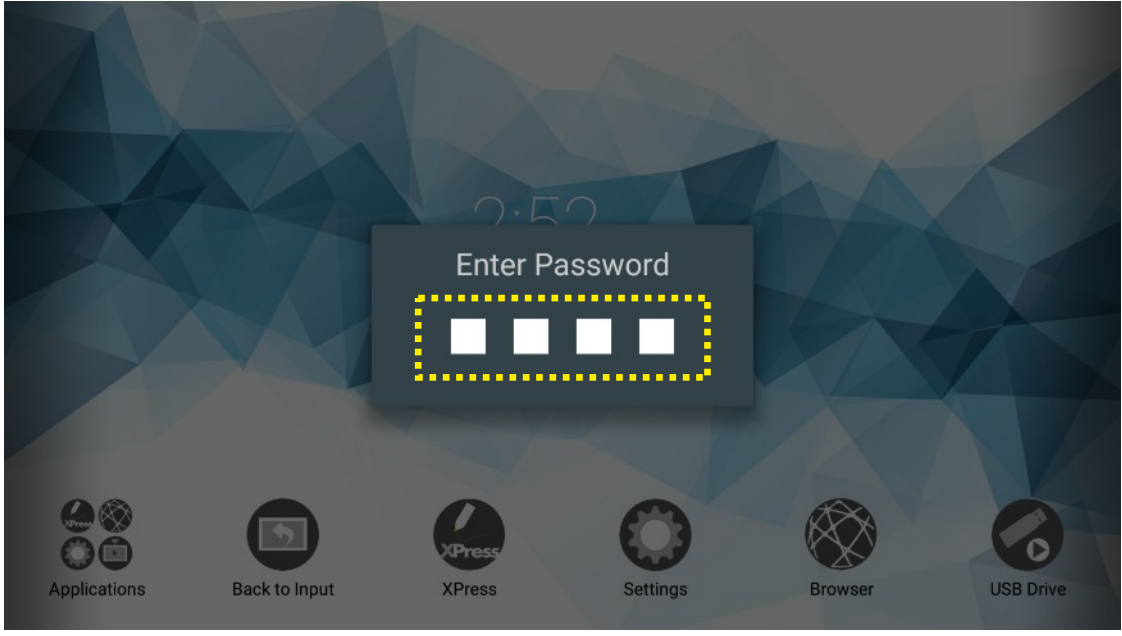
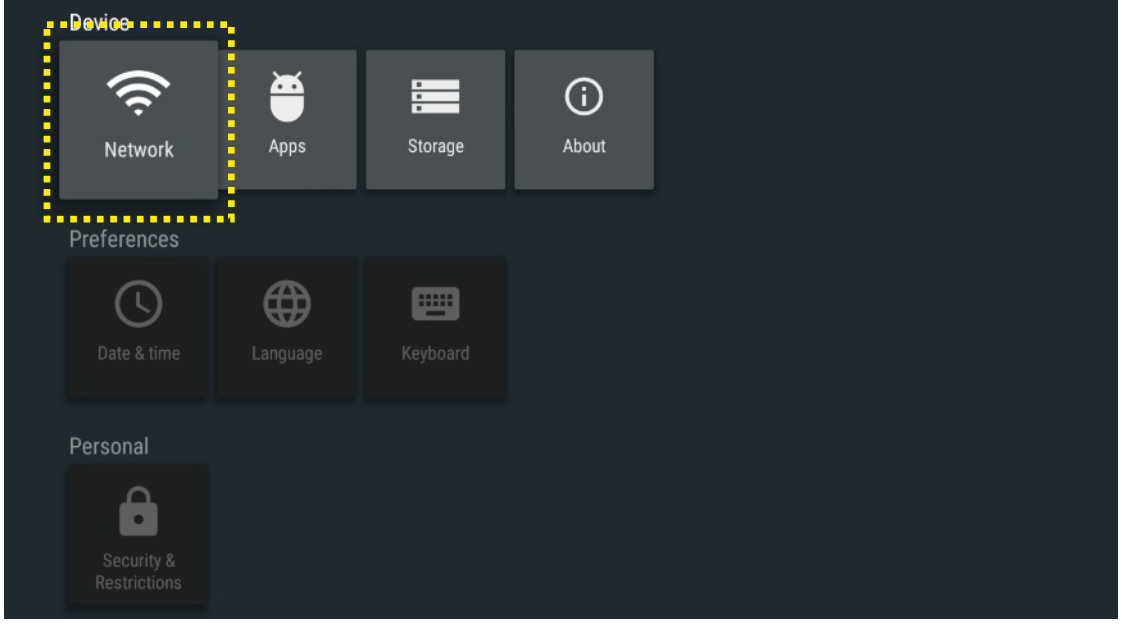
In rare cases it may be necessary to update the router's firmware. In the rare case you are instructed by support to update the router firmware these instructions will show step by step guide for doing so.

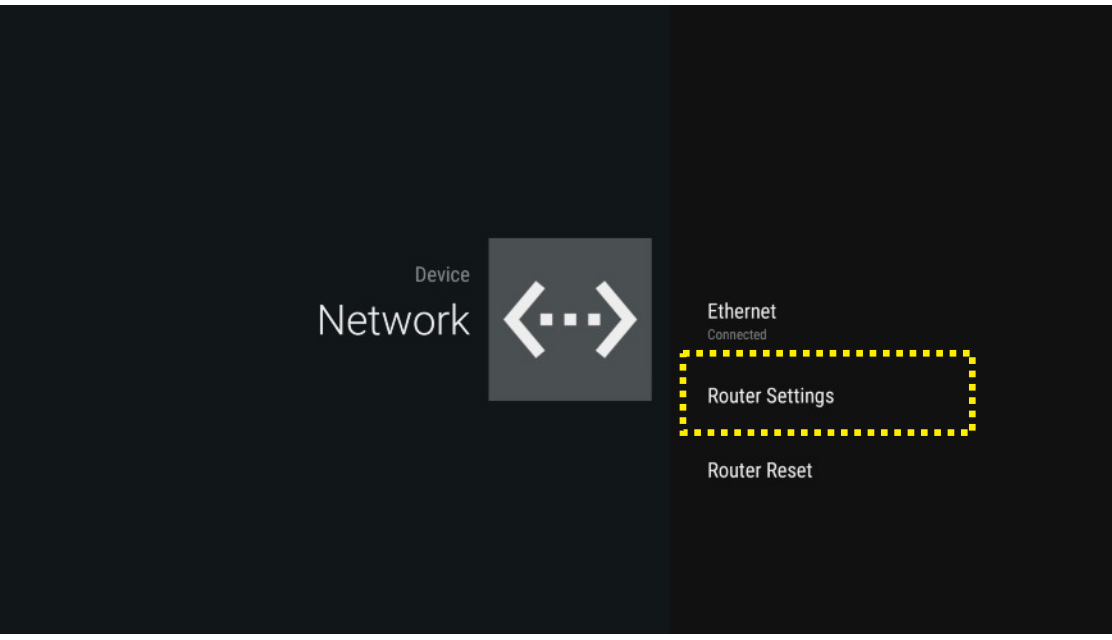
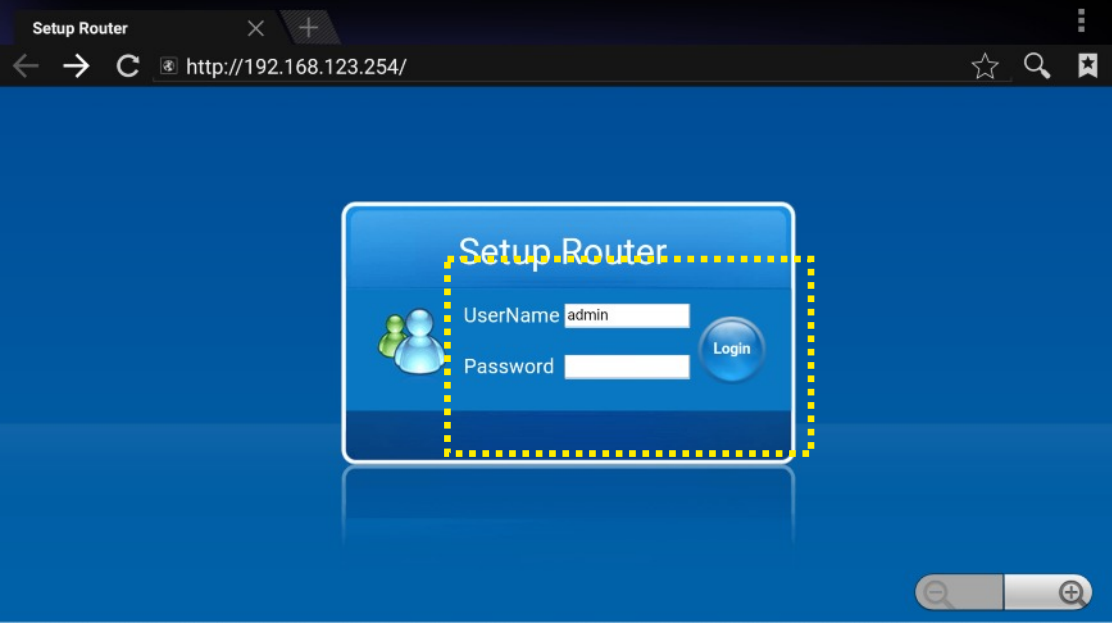
Tools required

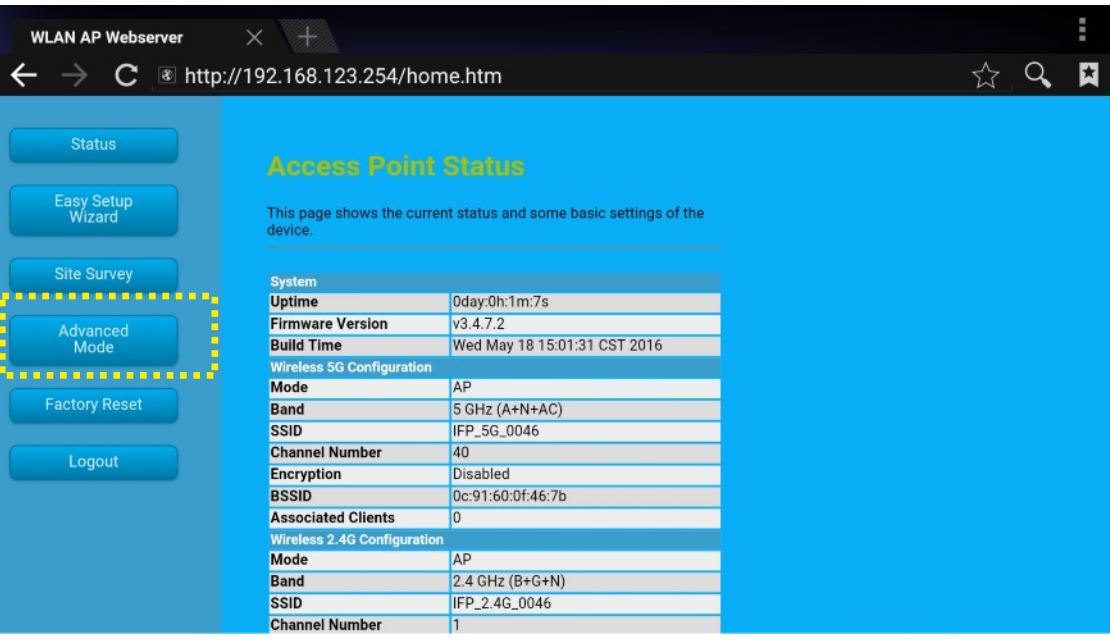
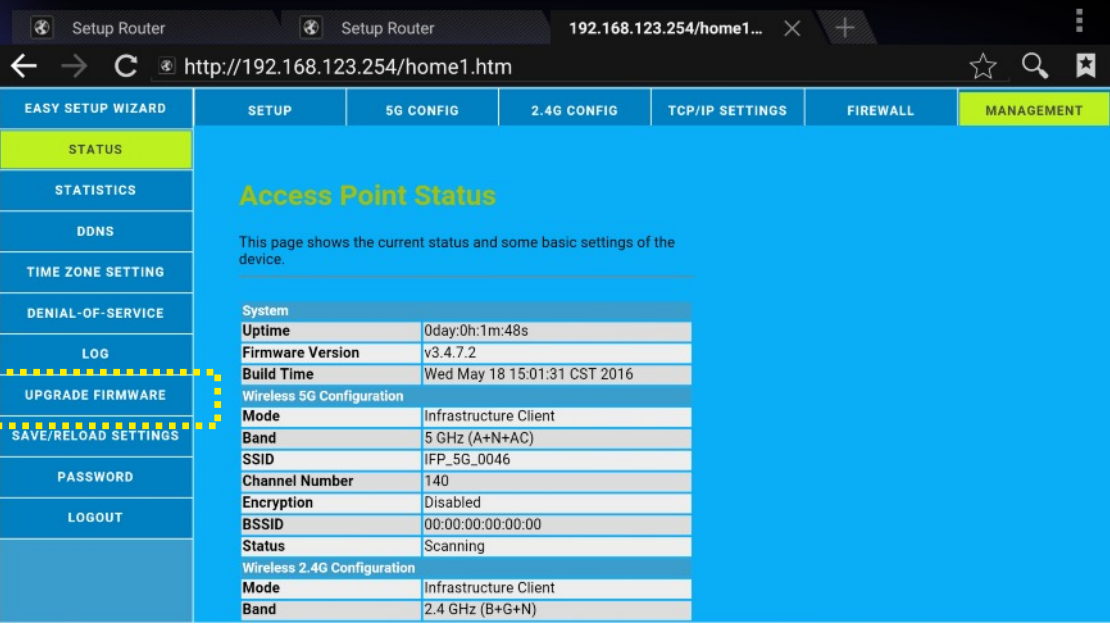
Before updating the FW you need to place the router FW files (fw.bin and config.dat) onto a usb drive. The files can be requested from Recordex Technical Support (888-712-0278 or support@recordexusa.com). The usb drive should then be plugged into a home screen usb port on the panel.

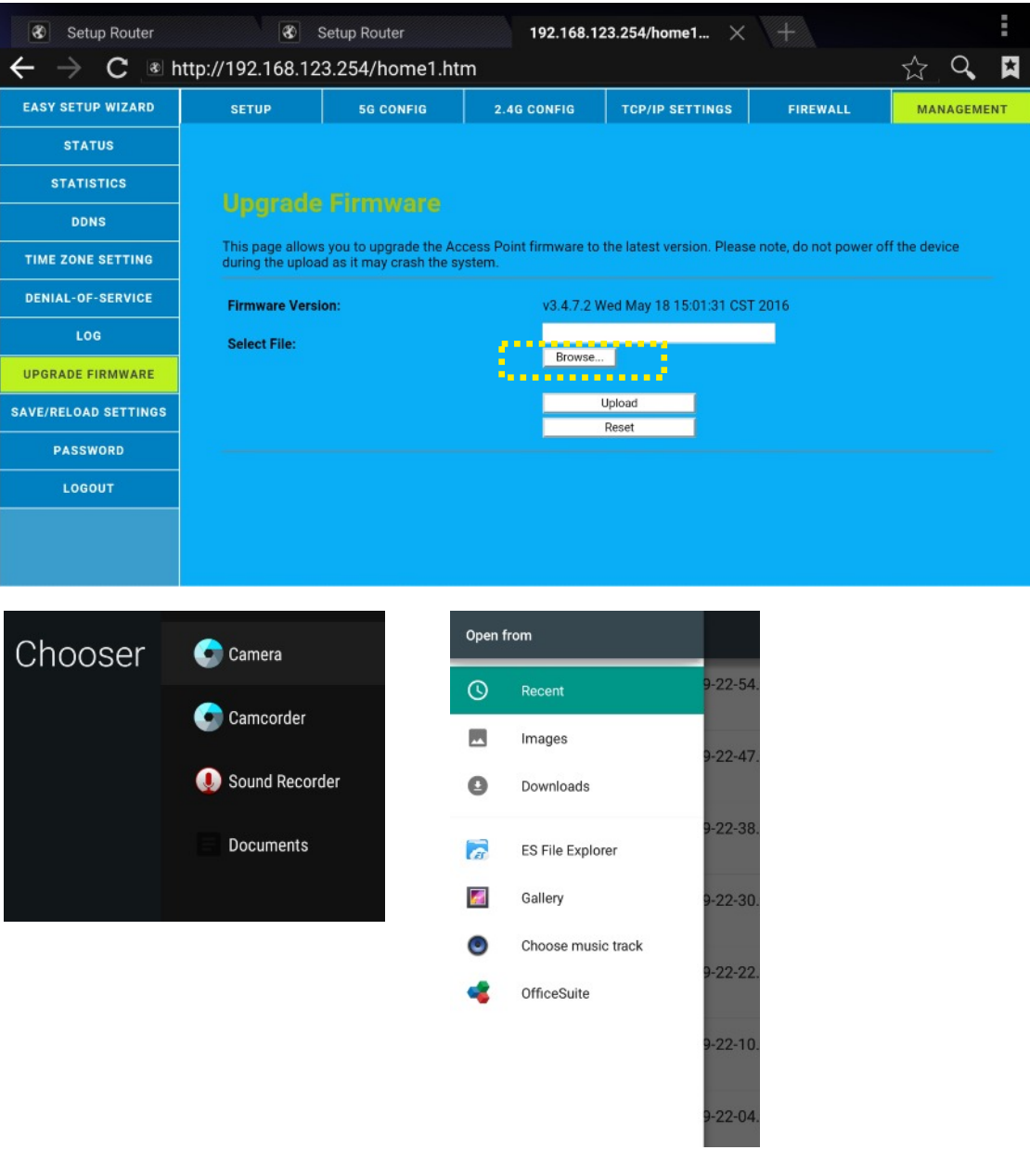


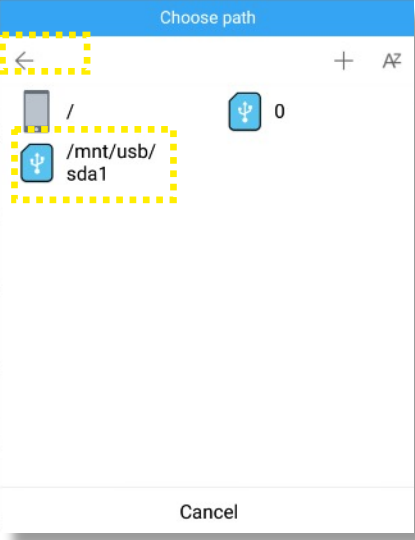
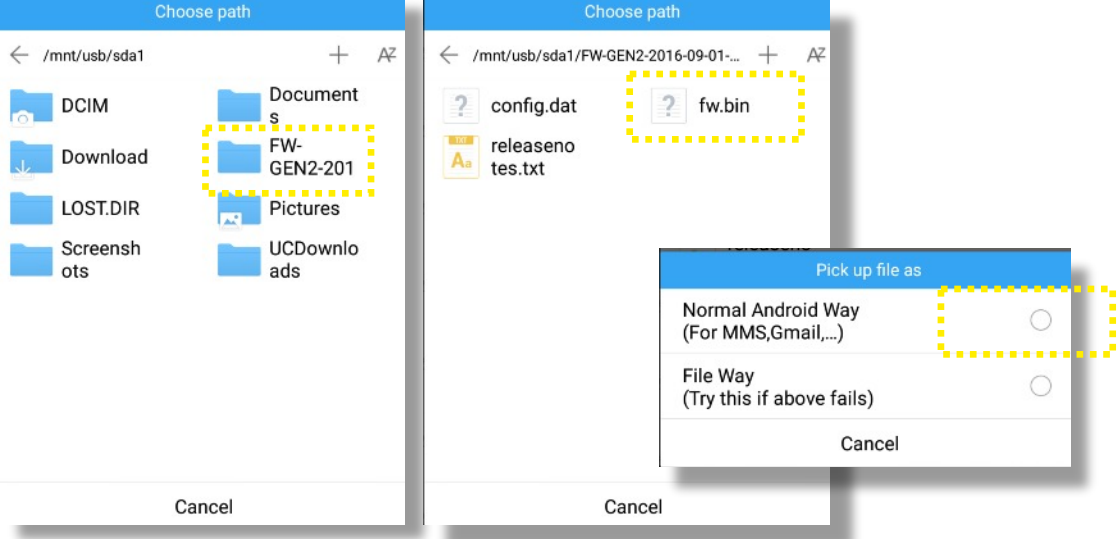
STEP	REFERENCE IMAGE	INSTRUCTIONS
1		<p>Power on panel wait for panel to boot up to an input screen.</p>
2		<p>Press the Home button on remote or on keypad on front of panel. This will open the on screen menu display.</p> 

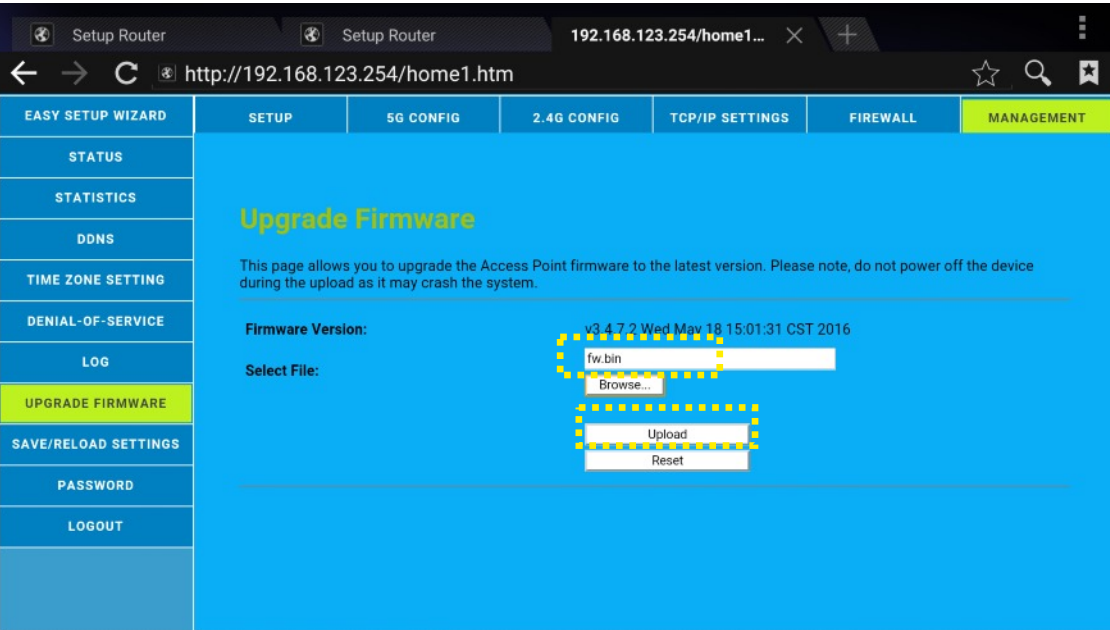
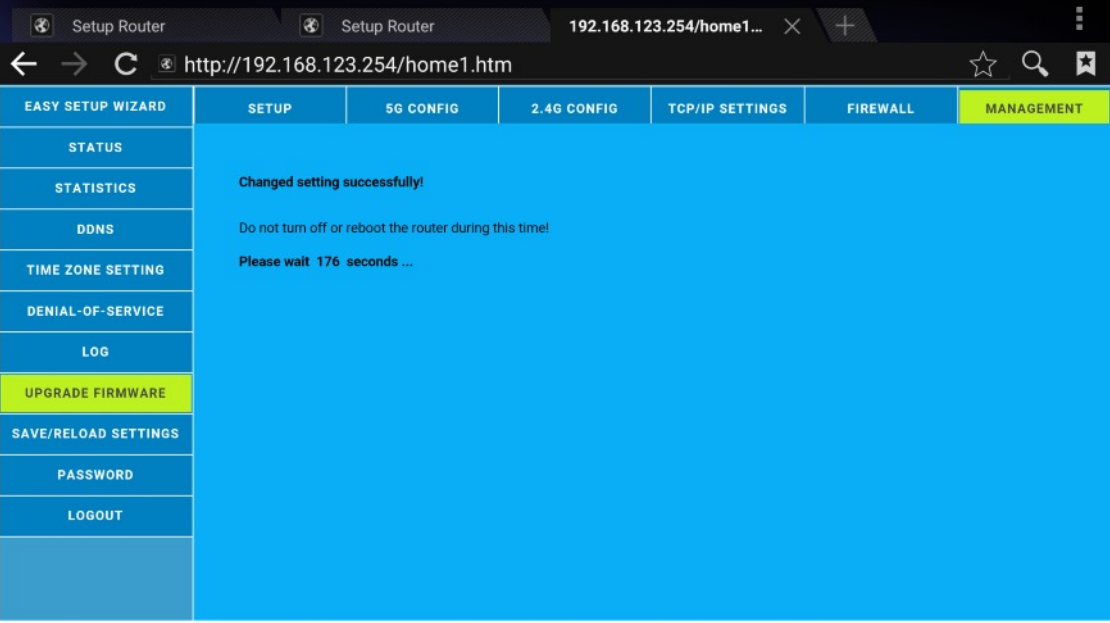
STEP	REFERENCE IMAGE	INSTRUCTIONS
3		<p>Press Settings and then enter the password to access the home screen settings.</p> <p>Note: Default password is 0 0 0 0. It is recommended that you change this password.</p>
4		<p>Select Network.</p>

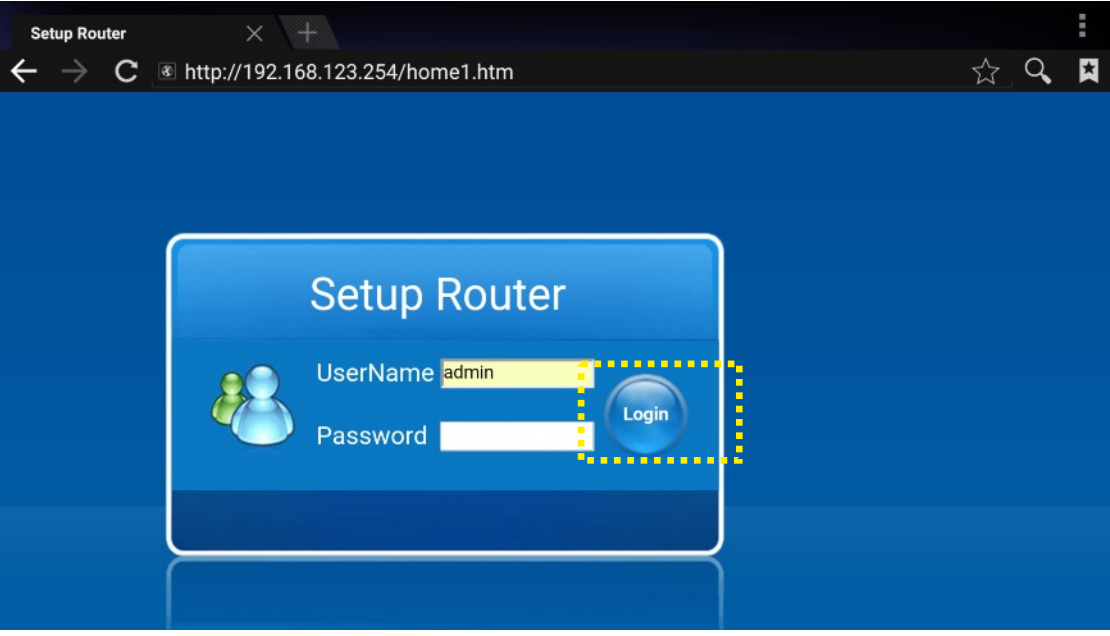
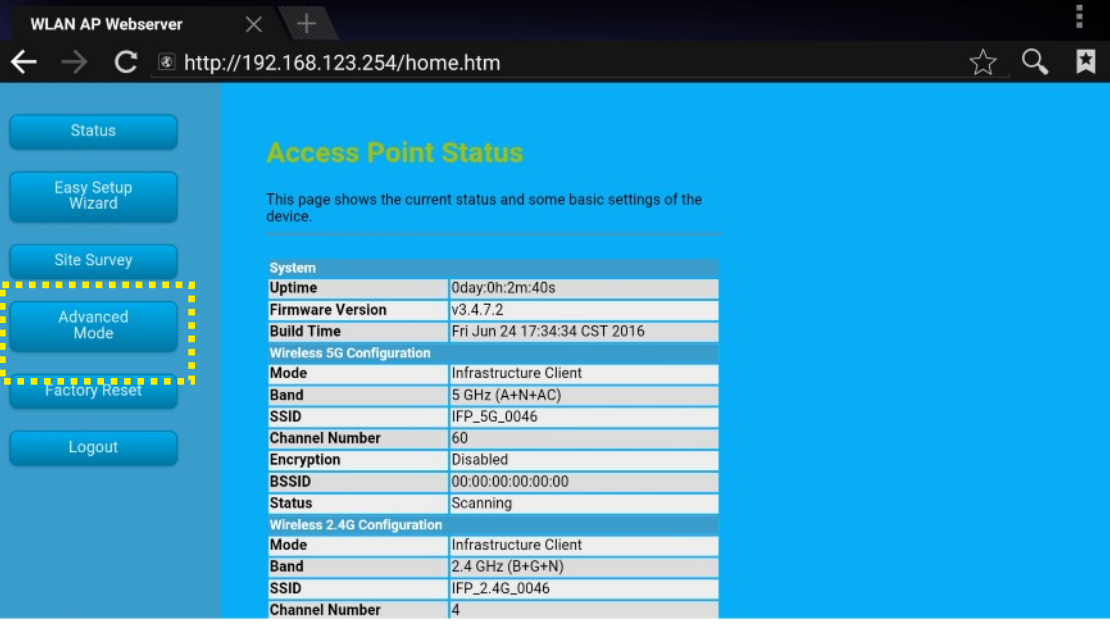
STEP	REFERENCE IMAGE	INSTRUCTIONS
5	 <p>The screenshot shows a dark-themed interface with the text 'Device Network' on the left. In the center is a grey square with a white double-headed arrow and three dots. On the right, there are three options: 'Ethernet Connected', 'Router Settings', and 'Router Reset'. The 'Router Settings' option is enclosed in a yellow dashed rectangular box.</p>	<p>Select Router Settings.</p>
6	 <p>The screenshot shows a web browser window titled 'Setup Router' with the address bar displaying 'http://192.168.123.254/'. The main content area has a blue background and a white box titled 'Setup Router'. Inside this box, there are two input fields: 'UserName' with 'admin' entered and 'Password' which is empty. A blue 'Login' button is to the right of the password field. The entire 'Setup Router' box is highlighted with a yellow dashed border.</p>	<p>Login to router.</p> <p>Note: Default login is: UserName: Admin Password: [leave blank]</p> <p>It is recommended that you change the password.</p>

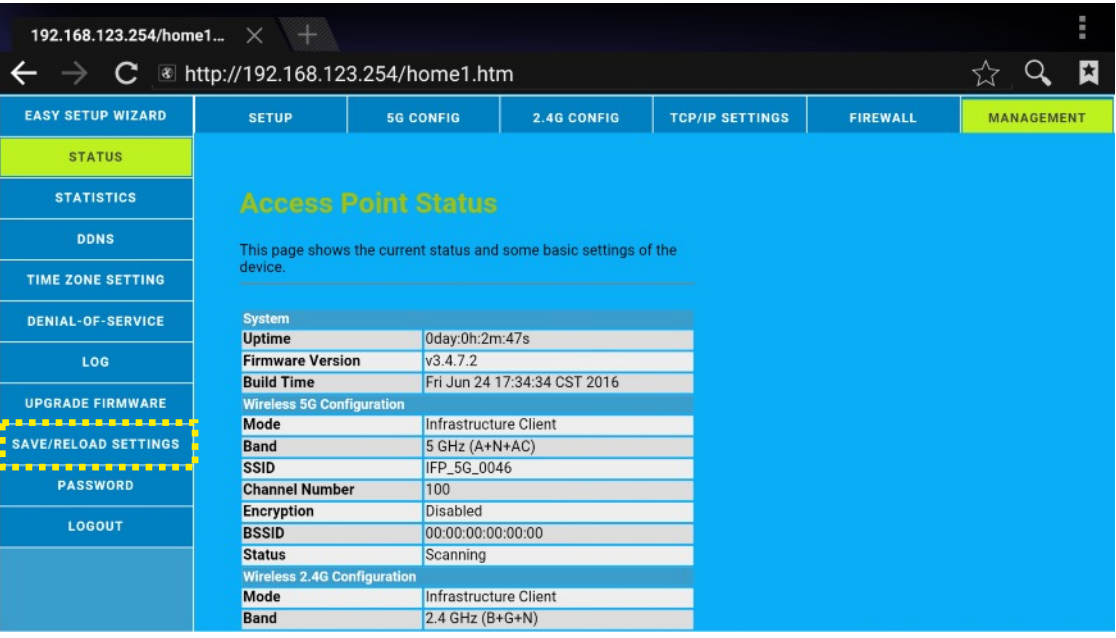
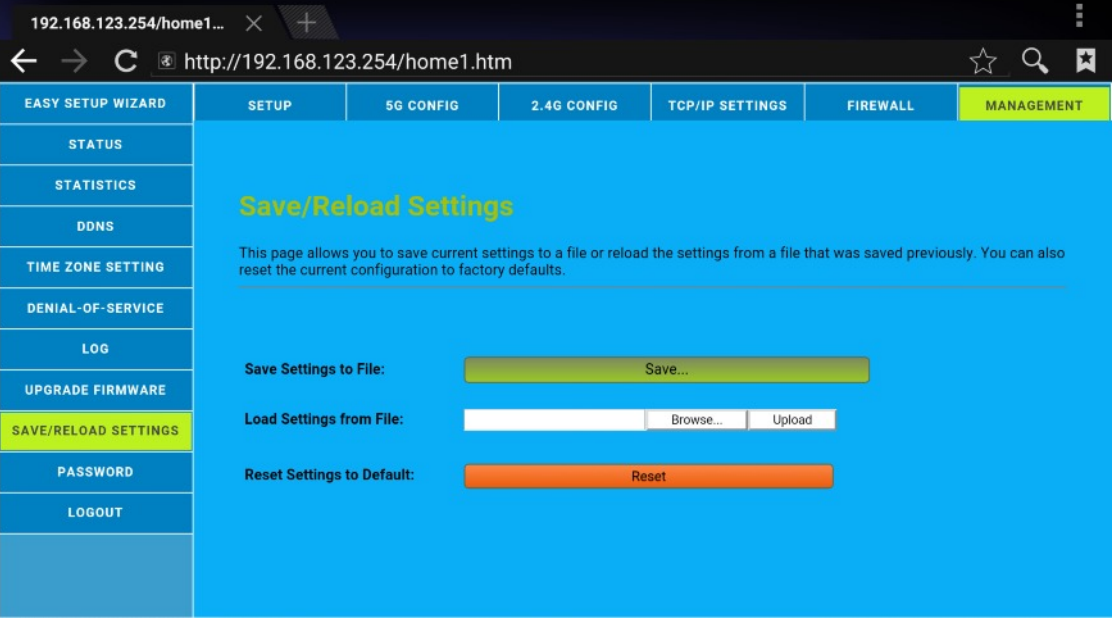
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7	 <p>The screenshot shows a web browser window titled 'WLAN AP Webserver' with the URL 'http://192.168.123.254/home.htm'. On the left side, there is a vertical menu with several buttons: 'Status', 'Easy Setup Wizard', 'Site Survey', 'Advanced Mode', 'Factory Reset', and 'Logout'. The 'Advanced Mode' button is highlighted with a dashed yellow border. The main content area displays 'Access Point Status' with a table of system and configuration details.</p> <table border="1" data-bbox="466 451 915 812"> <thead> <tr> <th colspan="2">System</th> </tr> </thead> <tbody> <tr><td>Uptime</td><td>0day:0h:1m:7s</td></tr> <tr><td>Firmware Version</td><td>v3.4.7.2</td></tr> <tr><td>Build Time</td><td>Wed May 18 15:01:31 CST 2016</td></tr> <tr><th colspan="2">Wireless 5G Configuration</th></tr> <tr><td>Mode</td><td>AP</td></tr> <tr><td>Band</td><td>5 GHz (A+N+AC)</td></tr> <tr><td>SSID</td><td>IFP_5G_0046</td></tr> <tr><td>Channel Number</td><td>40</td></tr> <tr><td>Encryption</td><td>Disabled</td></tr> <tr><td>BSSID</td><td>0c:91:60:0f:46:7b</td></tr> <tr><td>Associated Clients</td><td>0</td></tr> <tr><th colspan="2">Wireless 2.4G Configuration</th></tr> <tr><td>Mode</td><td>AP</td></tr> <tr><td>Band</td><td>2.4 GHz (B+G+N)</td></tr> <tr><td>SSID</td><td>IFP_2.4G_0046</td></tr> <tr><td>Channel Number</td><td>1</td></tr> </tbody> </table>	System		Uptime	0day:0h:1m:7s	Firmware Version	v3.4.7.2	Build Time	Wed May 18 15:01:31 CST 2016	Wireless 5G Configuration		Mode	AP	Band	5 GHz (A+N+AC)	SSID	IFP_5G_0046	Channel Number	40	Encryption	Disabled	BSSID	0c:91:60:0f:46:7b	Associated Clients	0	Wireless 2.4G Configuration		Mode	AP	Band	2.4 GHz (B+G+N)	SSID	IFP_2.4G_0046	Channel Number	1	<p>Select Advanced Mode from left menu.</p>
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8	 <p>The screenshot shows a web browser window titled 'Setup Router' with the URL 'http://192.168.123.254/home1.htm'. At the top, there is a navigation bar with tabs: 'EASY SETUP WIZARD', 'SETUP', '5G CONFIG', '2.4G CONFIG', 'TCP/IP SETTINGS', 'FIREWALL', and 'MANAGEMENT'. The 'MANAGEMENT' tab is selected and highlighted in yellow. On the left side, there is a vertical menu with buttons: 'STATUS', 'STATISTICS', 'DDNS', 'TIME ZONE SETTING', 'DENIAL-OF-SERVICE', 'LOG', 'UPGRADE FIRMWARE', 'SAVE/RELOAD SETTINGS', 'PASSWORD', and 'LOGOUT'. The 'UPGRADE FIRMWARE' button is highlighted with a dashed yellow border. The main content area displays 'Access Point Status' with a table of system and configuration details.</p> <table border="1" data-bbox="436 1138 886 1455"> <thead> <tr> <th colspan="2">System</th> </tr> </thead> <tbody> <tr><td>Uptime</td><td>0day:0h:1m:48s</td></tr> <tr><td>Firmware Version</td><td>v3.4.7.2</td></tr> <tr><td>Build Time</td><td>Wed May 18 15:01:31 CST 2016</td></tr> <tr><th colspan="2">Wireless 5G Configuration</th></tr> <tr><td>Mode</td><td>Infrastructure Client</td></tr> <tr><td>Band</td><td>5 GHz (A+N+AC)</td></tr> <tr><td>SSID</td><td>IFP_5G_0046</td></tr> <tr><td>Channel Number</td><td>140</td></tr> <tr><td>Encryption</td><td>Disabled</td></tr> <tr><td>BSSID</td><td>00:00:00:00:00:00</td></tr> <tr><td>Status</td><td>Scanning</td></tr> <tr><th colspan="2">Wireless 2.4G Configuration</th></tr> <tr><td>Mode</td><td>Infrastructure Client</td></tr> <tr><td>Band</td><td>2.4 GHz (B+G+N)</td></tr> </tbody> </table>	System		Uptime	0day:0h:1m:48s	Firmware Version	v3.4.7.2	Build Time	Wed May 18 15:01:31 CST 2016	Wireless 5G Configuration		Mode	Infrastructure Client	Band	5 GHz (A+N+AC)	SSID	IFP_5G_0046	Channel Number	140	Encryption	Disabled	BSSID	00:00:00:00:00:00	Status	Scanning	Wireless 2.4G Configuration		Mode	Infrastructure Client	Band	2.4 GHz (B+G+N)	<p>Select UPGRADE FIRMWARE from left menu. Note if that option is not displayed then first make sure that the management tab is selected at top of router window.</p>				
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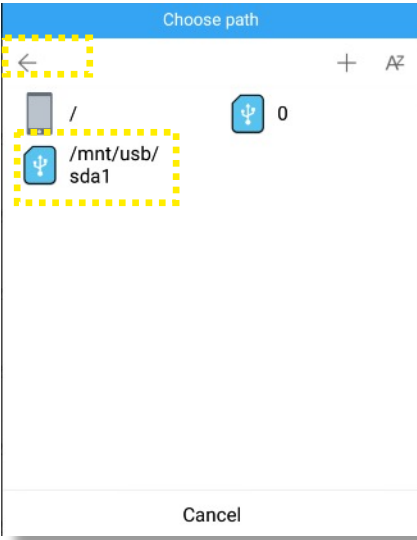
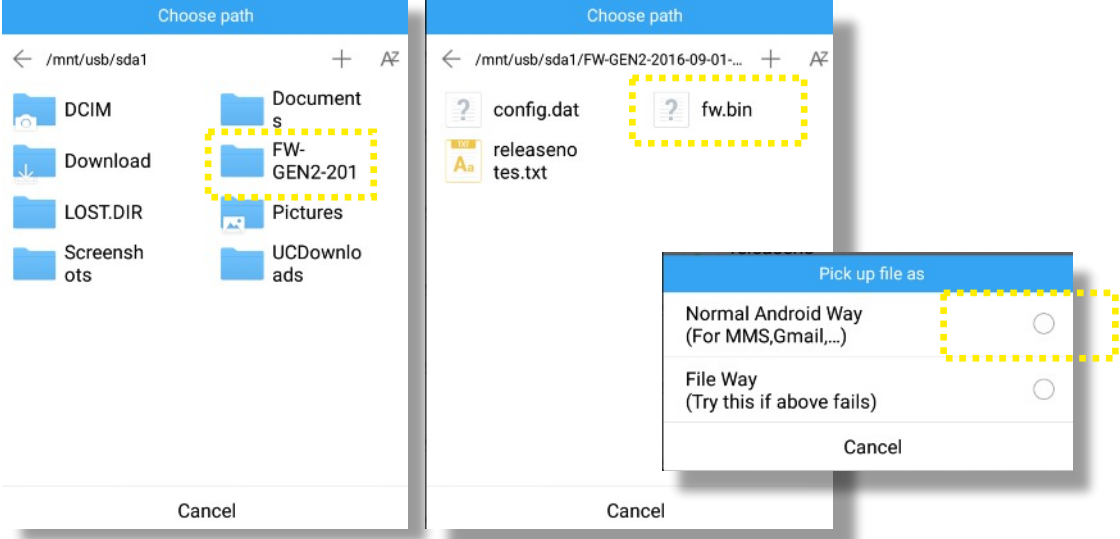
STEP	REFERENCE IMAGE	INSTRUCTIONS
9		<p>Select the Browse button.</p> <p>Then Documents from the Chooser menu.</p> <p>Then ES File Explorer from the Open from menu.</p>

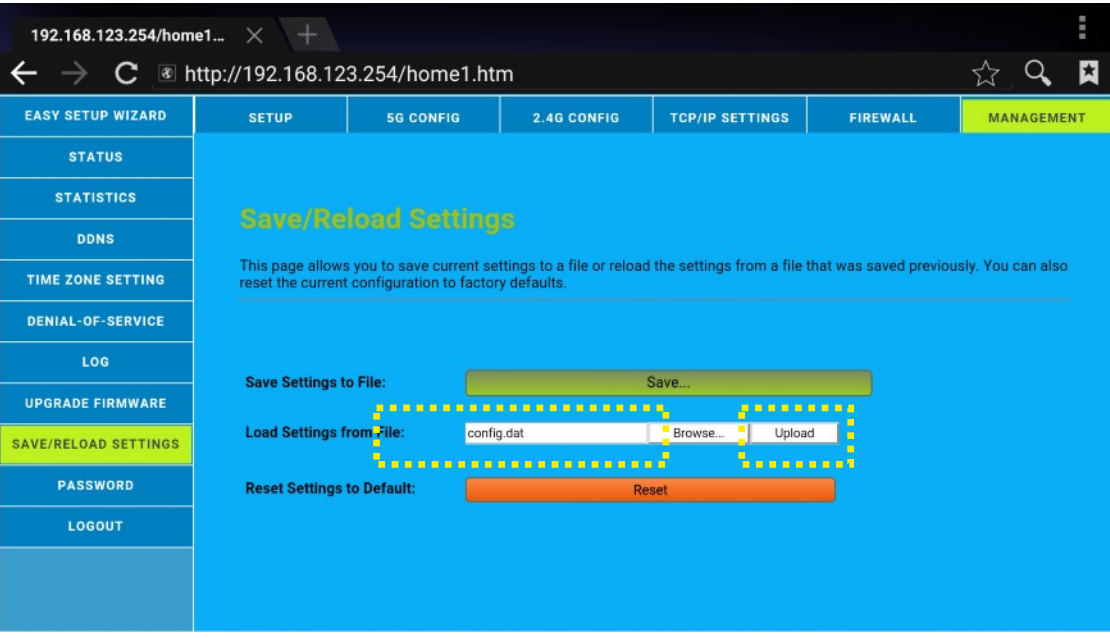
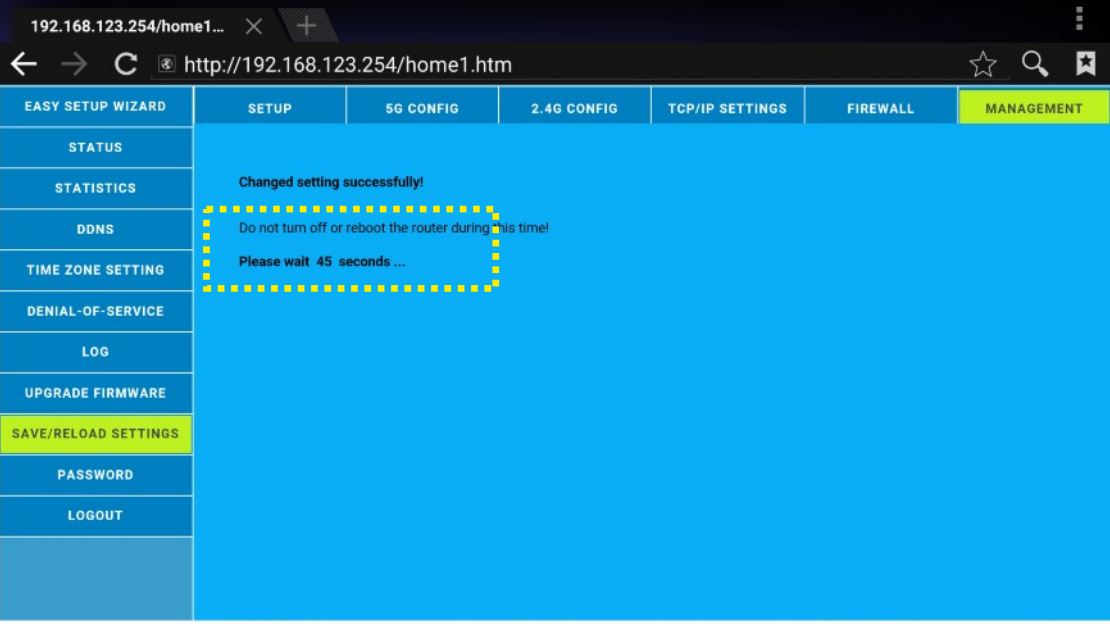
STEP	REFERENCE IMAGE	INSTRUCTIONS
10	 <p>The screenshot shows a 'Choose path' window with a back arrow on the left and a '+' and 'AZ' icon on the right. Below the navigation bar, there are two USB drive icons. The first icon is labeled '/mnt/usb/sda1' and is highlighted with a yellow dashed box. The second icon is labeled '0'. At the bottom of the window is a 'Cancel' button.</p>	<p>Press the back arrow button on the Choose Path window until you see a screen that looks like the reference image to the left.</p> <p>Then select the /mnt/usb/sda1 path.</p> <p>*Note: if you have more than one usb plugged into panel then you may see sda1 and sdb1. In this case choose the one that contains the router FW that you saved to the USB drive.</p>
11	 <p>The first screenshot shows the 'Choose path' window with the path /mnt/usb/sda1. A folder named 'FW-GEN2-2016-09-01-...' is highlighted with a yellow dashed box. Other folders visible include DCIM, Download, LOST.DIR, Screenshots, Document s, Pictures, and UCDownloads. A 'Cancel' button is at the bottom.</p> <p>The second screenshot shows the 'Choose path' window with the path /mnt/usb/sda1/FW-GEN2-2016-09-01-... The files 'config.dat', 'releasenotes.txt', and 'fw.bin' are visible. The 'fw.bin' file is highlighted with a yellow dashed box. A 'Pick up file as' dialog box is open over the 'fw.bin' file, with the 'Normal Android Way (For MMS,Gmail,...)' option selected and highlighted with a yellow dashed box. The 'File Way (Try this if above fails)' option is also visible. A 'Cancel' button is at the bottom of the dialog box.</p>	<p>Select the folder containing the router FW.</p> <p>Then select the fw.bin file (NOTE: Make sure this is the correct fw for your router. Check with support first).</p> <p>Then select Normal Android Way from the Pick up file as menu.</p>

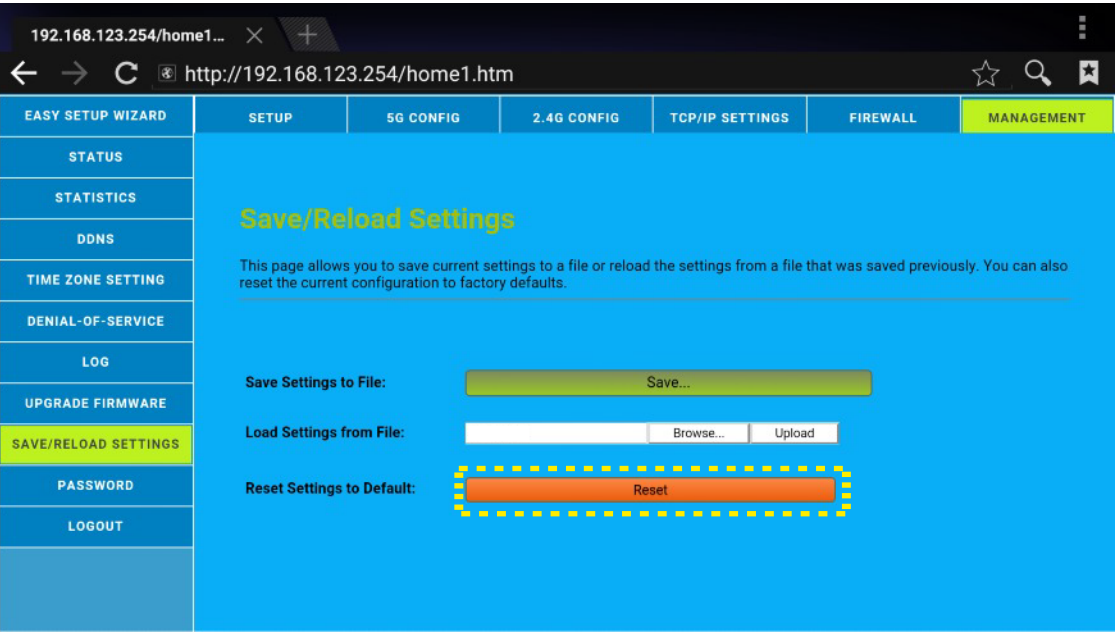
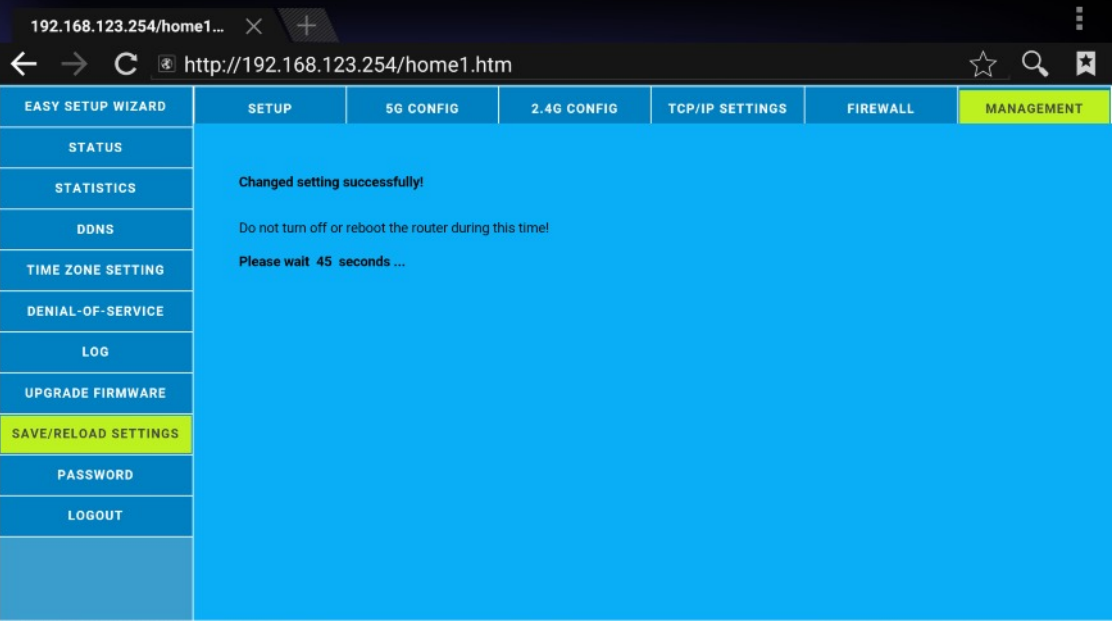
STEP	REFERENCE IMAGE	INSTRUCTIONS
12		<p>Confirm that fw.bin is showing in the select file box. Then press Upload.</p>
13		<p>Wait for router to apply fw and reboot. DO NOT POWER OFF PANEL AT THIS TIME!</p>

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14		After router restarts log into router.																																		
15	 <table border="1" data-bbox="464 1101 915 1456"> <thead> <tr> <th colspan="2">System</th> </tr> </thead> <tbody> <tr> <td>Uptime</td> <td>0day:0h:2m:40s</td> </tr> <tr> <td>Firmware Version</td> <td>v3.4.7.2</td> </tr> <tr> <td>Build Time</td> <td>Fri Jun 24 17:34:34 CST 2016</td> </tr> <tr> <th colspan="2">Wireless 5G Configuration</th> </tr> <tr> <td>Mode</td> <td>Infrastructure Client</td> </tr> <tr> <td>Band</td> <td>5 GHz (A+N+AC)</td> </tr> <tr> <td>SSID</td> <td>IFP_5G_0046</td> </tr> <tr> <td>Channel Number</td> <td>60</td> </tr> <tr> <td>Encryption</td> <td>Disabled</td> </tr> <tr> <td>BSSID</td> <td>00:00:00:00:00:00</td> </tr> <tr> <td>Status</td> <td>Scanning</td> </tr> <tr> <th colspan="2">Wireless 2.4G Configuration</th> </tr> <tr> <td>Mode</td> <td>Infrastructure Client</td> </tr> <tr> <td>Band</td> <td>2.4 GHz (B+G+N)</td> </tr> <tr> <td>SSID</td> <td>IFP_2.4G_0046</td> </tr> <tr> <td>Channel Number</td> <td>4</td> </tr> </tbody> </table>	System		Uptime	0day:0h:2m:40s	Firmware Version	v3.4.7.2	Build Time	Fri Jun 24 17:34:34 CST 2016	Wireless 5G Configuration		Mode	Infrastructure Client	Band	5 GHz (A+N+AC)	SSID	IFP_5G_0046	Channel Number	60	Encryption	Disabled	BSSID	00:00:00:00:00:00	Status	Scanning	Wireless 2.4G Configuration		Mode	Infrastructure Client	Band	2.4 GHz (B+G+N)	SSID	IFP_2.4G_0046	Channel Number	4	Select Advanced Mode from left menu.
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STEP	REFERENCE IMAGE	INSTRUCTIONS
16		Then select Save/Reload Settings from left menu.
17		Select Browse from Load Settings From File.

STEP	REFERENCE IMAGE	INSTRUCTIONS
18		<p>Press the back arrow button on the Choose Path window until you see a screen that looks like the reference image to the left.</p> <p>Then select the /mnt/usb/sda1 path.</p> <p>*Note: if you have more than one usb plugged into panel then you may see sda1 and sdb1. In this case choose the one that contains the router FW that you saved to the USB drive.</p>
19		<p>Select the folder containing the router config.dat (saved settings file).</p> <p>Then select the config.dat file (NOTE: Make sure this is the config.dat for your router).</p> <p>Then select Normal Android Way from the Pick up file as menu.</p>

STEP	REFERENCE IMAGE	INSTRUCTIONS
19		<p>Confirm that config.dat shows in the Load Settings From File box, then select Update.</p>
20		<p>Wait for router to apply settings and reboot.</p>

STEP	REFERENCE IMAGE	INSTRUCTIONS
21		<p>Log back into the router, select Advanced Mode, then select Save/Reload Settings. Select Reset, then OK.</p>
22		<p>Wait for the router to reset and reboot. This will set the current firmware and factory settings as the default for the router.</p>