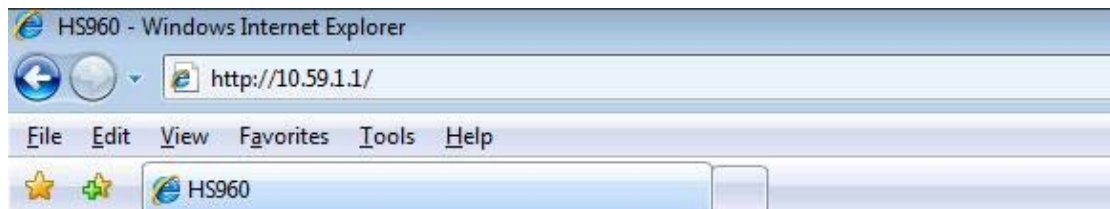


NetComm HS960 Hotspot – Firmware Upgrade Procedure

The following process outlines how to perform a HS960 firmware upgrade.

1. Connect a Windows XP based computer via Ethernet directly to one of the LAN ports on the back of the HS960.
2. Double check that the TCP/IP protocol settings for the network card on the Windows XP computer are set to 'Obtain an IP address automatically' i.e DHCP client.
3. If you haven't already power on both the computer and HS960.
4. Disable any software based firewalling, should it be running on the computer.
5. Access the HS960s web-based interface by launching the Internet Explorer web-browser and opening the address <http://10.59.1.1>



6. When prompted type in "**admin**" / "**admin**" respectively for the username / password followed by selecting the '**Login**' button.



7. From the HS960s web based interface select '**System Tools**' -> '**Firmware**' then the '**Browse**' button.



8. Locate and select the '**HS960V1.01.01.bin**' firmware upgrade file then select the '**Apply**' button to initiate the firmware upgrade.

FIRMWARE

Manual Firmware Upgrade	Scheduled Firmware Upgrade
To upgrade the firmware, click Browse to locate the firmware file or use remote TFTP server and click Apply.	
Local PC File Path <input type="text" value="F:\hs960V1.01.01.bin"/> <input data-bbox="746 353 849 380" type="button" value="Browse..."/>	<input data-bbox="1252 353 1316 380" type="button" value="Apply"/>
Remote TFTP Server IP Address <input type="text"/>	<input data-bbox="1252 421 1316 448" type="button" value="Apply"/>
File Name <input type="text"/>	

9. The following message should appear shortly after.....

Firmware loading. Please wait for 3 minutes.

(Do not switch off power)

As the message states, please don't power down the HS960 or interrupt the firmware upgrade process in any way!!!

10. After approximately 3 minutes you should receive the following message.

The System is rebooting.

Please wait for 30 seconds.

11. Wait approximately 30 – 60 seconds then reload the <http://10.59.1.1> webpage.

12. Once the page has been reloaded verify the '**Version**' is displayed as '**1.01.01**'.

HS960

Username:

Password:

Version 1.01.01

13. Once the version change has been verified complete the procedure by resetting the HS960 to factory defaults. This is done by holding the recessed reset button (back of unit) for 10 seconds whilst the unit is powered.
14. Please wait at least 1-2 minutes after releasing the reset button for the unit to finish the reset process.