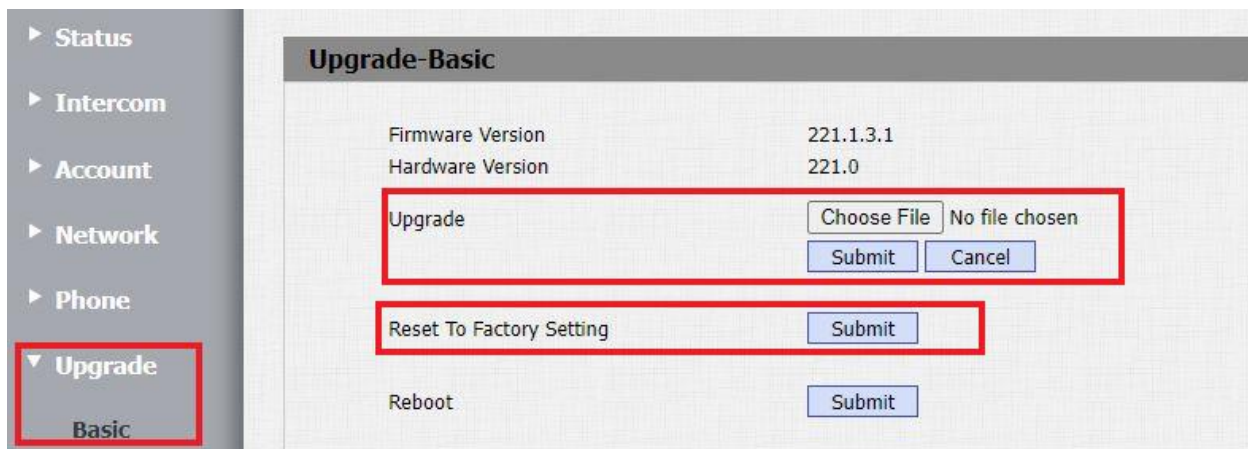# N-SP80SB Firmware Revision 221.1.3.1

Steps to flash FW 221.1.3.1 on to the N-SP80SB standalone PCB.

1. Login to the N-SP80SB web UI
   a. If you do not know the IP address use an IP scanner or check your DHCP list
   b. The default username/password is N-SP80/guest
2. Select "Basic" under the Upgrade tab
3. Select "Choose File" and navigate to the folder containing the firmware file, choose 221.1.3.1.rom and select "Submit"
4. Wait until the firmware upgrade is complete. The N-SP80SB will flash red & blue while the firmware is updating. The UI will let you know once the upgrade is complete. Please do not refresh the web UI while the upgrade is in progress.

   Note: The IP address may change once the N-SP80SB reboots after the firmware upgrade and the username/password will default to admin/admin

5. Log back in to the N-SP80SB web UI and perform a Factory Reset by selecting "Submit" under Upgrade > Basic > Reset To Factory Setting

You should now see 10x Multicast Receiving Addresses under Phone > Multicast

Automatic Provisioning can be found under Upgrade > Advanced