**How to update HFA21 Chipset File (Better WiFi Stability on Newer Routers**

Connect to the Local Dongle HotSpot, using a laptop  
A Dongle HotSpot AP SSID looks like WE2300G100, WJ2300G100 etc etc  
Better local stability for the update can be achieved by powering the Dongle from a USB power supply (External Dongle)  
Internal Dongle’s can disconnect inverter data to effectively do the same thing; by setting DIP switch 2&3 to Off (Disconnecting inverter comms trying to be processed)   
Set back ON, afterwards.   
Once connected to the wifi hotspot, go to <http://10.10.100.254>

Login with admin and admin, assuming the Dongle has not been changed from defaults. If not, you can reset it, by pressing the reset button for 10s and wait till the hotspot SSID has no password.

Once at the Landing Page Click on Device Management  
  
A screenshot of a computer

Description automatically generated  
  
Once here, make a note of the version, here shows 5.02T04, this needs updating.

A screenshot of a computer

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Now go to <http://10.10.100.254/EN/uboot.html>  
or if already connected to your network (ie doing this prior to a router upgrade) , you can go via the issued address on your network (As below)

A screenshot of a computer

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Send the 2 files one at a time, V27 is the latest Dongle chipset file  
  
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It will prompt for a reboot.

A close up of a computer screen

AI-generated content may be incorrect.Then repeat for the 2nd file, which is the boot loader

Once both are done the page should look like above. T27 version with boot 1.1.4

The WiFi Chipset is updated. You can confirm by going back to the Device Management screen and checking the version reads. Just to be sure  
  
The Dongle wifi connectivity on newer routers should now be more stable  
  
Continue with connecting the WiFi to the customers WiFi as normal now.  
  
A screenshot of a computer

Description automatically generated  
  
ENSURE THAT THE AP INTERFACE SETTINGS IS ALSO CONFIGURED TO SECURE THE LOCAL HOTSPOT  
Example here (Don’t use 12345678)  
A screenshot of a computer

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ALSO ENSURE THE LOGIN PASSWORD IS CHANGED FROM ADMIN (Under Device Management)