



LILIN NVR USB Firmware Update Guide

This short document will guide you through the process of updating the firmware on a LILIN NVR using a USB stick when controlling the NVR using a locally connected monitor and mouse.

Prerequisites for NVR USB Firmware Update

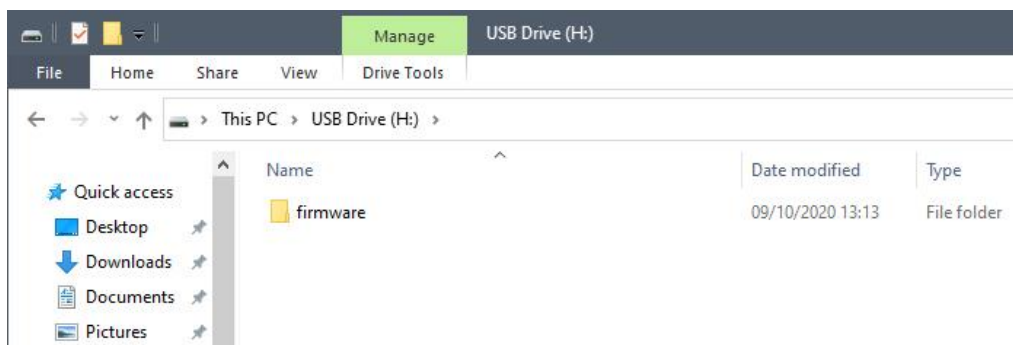
Required:

1 x USB Stick

Internet Connection

A monitor and mouse physically connected to the NVR

- 1) Download the relevant firmware update file for your NVR from the link on the email/website provided or from [here](#).
- 2) Once downloaded, extract the zip file and locate the file named 'FlashnvrXXX.bin'. Where XXX is shown within the firmware name will be your NVR model number. E.G FlashNVR3216.bin, FlashNVR5416.bin.
- 3) Insert your USB stick into your PC/MAC and browse to the inserted stick.
- 4) Create a folder called 'firmware' in the main (root) directory of the USB stick.



(Please note the firmware folder name does NOT have a capital f and cannot be located within a sub folder on the USB stick)

- 5) Copy or move the relevant 'FlashnvrXXX.bin' to the 'firmware' folder on your USB stick.

This part of the process is now complete.



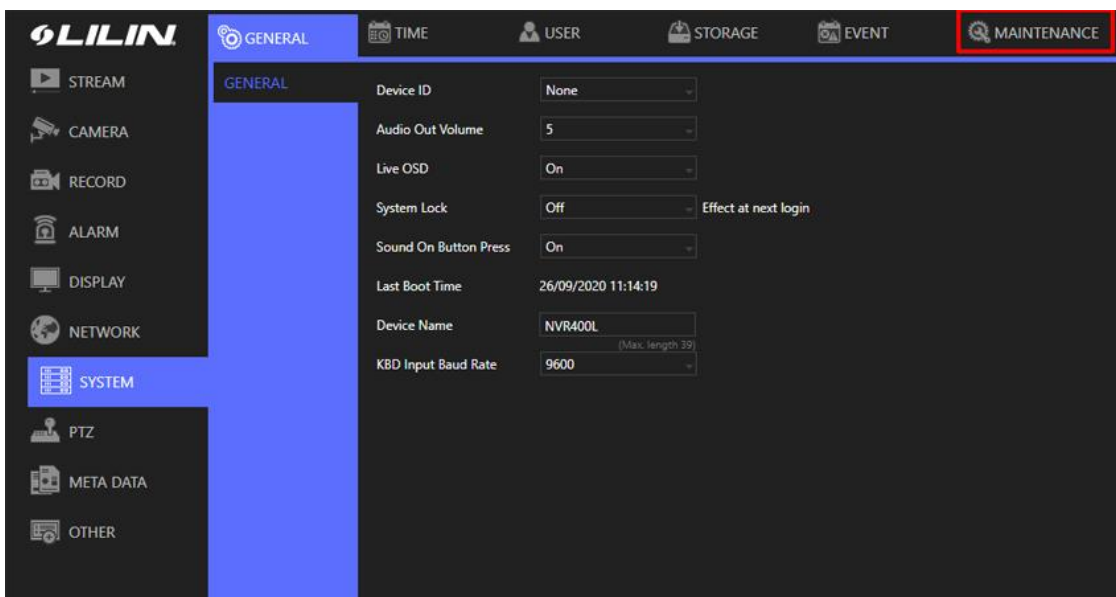
If you wish to verify this process, close all open windows, and browse to your USB stick. On the main USB stick window (root directory) you will see a folder called 'firmware'. Within this folder should be a file named 'Flashnvr116.bin', 'Flashnvr109.bin' or 'Flashnvr104.bin'.

If this is true correct you are set progress to the next step.

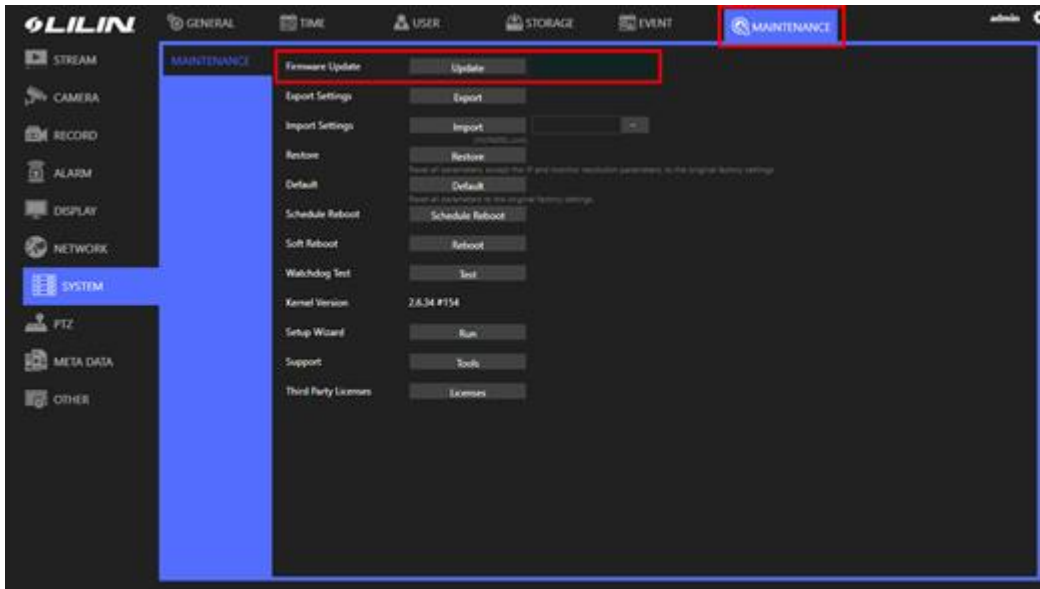
Continue to next part.

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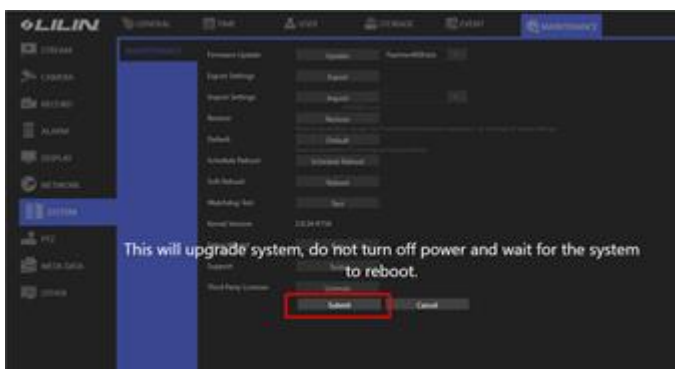
- 1) Insert your USB stick into the USB port on the front of the NVR.
- 2) From the NVR's main live display screen click the 'Cog' icon located in the top left-hand side of the screen. (If you do not see this, move the mouse to the top left-hand side of the screen and the icon should show). This will enter the setup menu.
- 3) Once in the 'Setup menu', select 'System' from the options on the left hand side.
- 4) In 'System menu' you will see a 'Maintenance' tab at the top of the screen, click this.



5) Once in the 'Maintenance menu' you will see an option named 'Firmware Update' select the 'Update' option to the right-hand side.



6) The NVR will now confirm that you want to start the firmware update process, click 'Submit' to start.



Once the process starts do not touch the unit until the process has completed.

7) On completion the NVR will reboot, and normal operation will continue.

Your firmware update is now complete.

(Please note it is normal for the activity bar to progress in large stages so the NVR update bar will likely progress



to 10% or 20% quite quickly and remain there for a period of time, it will then jump to 80% or higher. Estimated firmware update time should be no longer than 10 minutes).

If there is an issue with the firmware update process, do not reboot the NVR. Please contact a LILIN Support representative at your next convenience.

You can also find lots more useful information as well as hints and tips on the LILIN Knowledge Base:

<https://LILIN.zendesk.com>