



Pre NVR USB Firmware Update Guide

- 1) Download the relevant file from the link on the email/website provided.
- 2) Once downloaded, extract the zip file and locate the file named 'Flashnvr116.bin', 'Flashnvr109.bin' or 'Flashnvr104.bin' depending on the specification of your NVR.
- 3) Insert your USB stick in to 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 in 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 correct you are now set to progress to the next step.

NVR USB Update Guide

- 1) Insert your USB stick in to the USB port on the front of the NVR.
- 2) From the NVR's main live display screen select the 'Cog' located in the top left hand side of the screen and then select the 'Setup' option from the main bar.
- 3) Once in the 'Setup menu', select 'System' from the options on the left hand side.
- 4) In 'System menu' you will see 'Firmware', select 'Enter' on the right hand side of this option.
- 5) Once in the 'Firmware menu' you will see an option named 'USB Firmware Update' select the 'Enter' option to the right hand side.
- 6) The NVR will now confirm that you want to start the firmware update process, select 'Ok' to start. Once the process starts do not touch the unit until the process has completed.
- 7) On completion the NVR will restart and normal operation will continue.

Congratulations your firmware update is 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 20 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.

For a video guide covering the entire process, please follow the link below:

<https://lilin.zendesk.com/entries/29663113-How-to-update-the-firmware-on-an-NVR-Touch>

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

<https://LILIN.zendesk.com>