

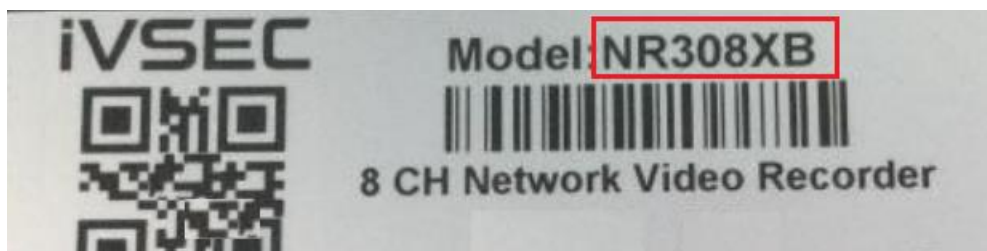
# IVSEC Firmware Update - NR308XB/NR316XB

## Prerequisites:

- Laptop / PC with internet connection
- Monitor and mouse connected to the NVR
- USB flash drive (*formatted with FAT32*)
- Download required firmware version (refer to page 2 of this document)
- Click [HERE](#) to watch a video demonstrating steps to upgrade the NVR

Once the NVR has been upgraded to the latest firmware version you will be able to perform future NVR updates using online upgrade or via the VMS application.

1. Check the silver sticker on the top of the IVSEC Recorder. Confirm the model number is NR308XB as per image below. Installing the incorrect firmware can cause your NVR to fail.



**NOTE:** The NR308XB and NR316XB NVRs use the same firmware file

2. Check the software version that is currently installed on the NVR by clicking - 

Field	Value
Device ID	000000
Device Name	NR308XB
Device Type	NR308XB
Hardware Version	DM-370
Software Version	V8.1.0-20210719
IE Client Version	V1.0.0.120
Video Format	PAL
HDD Volume	1863G
IP Address	192.168.1.109
IPv6 Address	fe80::5ae8:76
Web	80,80
Client	9000,9000
MAC Address	58-E8-76-58-E8-76
Network State	Connect success
P2P ID	MU2FKZZJ63NJMU2FKZZ.

3. If your software version (as inspected in step 2) is V8.1.0-20200923 and earlier than V8.1.0-20210719
  - a. Click [HERE to download V8.1.0-20210719](#)
  - b. Insert USB flash drive to your computer. Copy filename:  
**N57XE\_V191128V200923V200923V210719V210719V210719\_W.sw** to USB
  - c. Insert the USB flash drive into one of the recorder's USB ports.
  - d. Click [HERE](#) to watch a video demonstrating steps to upgrade the NVR using a USB stick (0-50 seconds of the video)
  - e. Wait approx. 5-8 minutes for the firmware upgrade process to complete.
  - f. Upon upgrade completion the IVSEC login screen will appear. Login to the NVR and repeat step 2 to ensure the software version has updated to V8.1.0-20210719
  
4. Once the NR308XB has been upgraded to V8.1.0-20210719 you will be able to perform online updates as they become available as shown in video link [HERE](#).

If you require additional support, please email [service@ivsecurity.com.au](mailto:service@ivsecurity.com.au) with your NVR model, serial number, a brief description of the issue and your contact details