

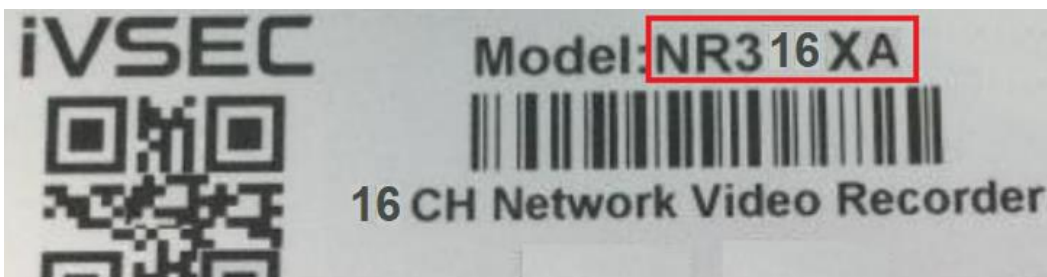
# IVSEC Firmware Update – NR316XA

## Prerequisites:

- Laptop / PC with internet connection (to download the firmware)
- 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 NR316XA as per image below. Installing the incorrect firmware can cause your NVR to fail.



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

Field	Value
Device ID	000000
Device Name	NR308XA
Device Type	NR308XA
Hardware Version	DM-357
Software Version	V8.1.0-20210719
IE Client Version	V1.0.0.120
Video Format	PAL
HDD Volume	1863G
IP Address	192.168.1.108
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	RSV18020 RSV1802

3. If your software version (as inspected in step 2) is V8.1.0-20180919 or earlier follow **steps A to P**

(NOTE: If your NVR software version is already V8.1.0-20190520 but not V8.1.0-20210531 skip to **step L**)

**NR316XA Firmware update stepping requirements:**

V8.1.0\_20180919 --> V8.1.0\_20190113 --> V8.1.0\_20190304-->V8.1.0\_20210531

V8.1.0\_20190113 --> V8.1.0\_20190304-->V8.1.0\_20210531

V8.1.0\_20190304-->V8.1.0\_20210531

V8.1.0\_20190520-->V8.1.0\_20210531

- a. Click [HERE to download V8.1.0-20190113](#)
  - b. Insert USB flash drive to your computer. Copy filename:  
**N57XX\_V190109V180920V181024V190113V181205V190109\_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 V8.1.0-20190113
  - g. Click [HERE to download V8.1.0-20190304](#)
  - h. Insert USB flash drive to your computer. Copy filename:  
**N57XE\_V190218V190126V190212V190304V180720V190304.sw** to USB
  - i. Insert the USB flash drive into one of the recorder's USB ports.
  - j. Wait approx. 5-8 minutes for the firmware upgrade process to complete.
  - k. 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 V8.1.0-20190304
  - l. Click [HERE to download V8.1.0-20210531](#)
  - m. Insert USB flash drive to your computer. Copy filename:  
**N57XE\_V191128V200923V200923V210531V210531V210531.sw** to USB
  - n. Insert the USB flash drive into one of the recorder's USB ports.
  - o. Wait approx. 5-8 minutes for the firmware upgrade process to complete.
  - p. 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 V8.1.0-20210531
4. Once the NR316XA has been upgraded to V8.1.0-20210531 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.