

Honeywell

Honeywell 35 Series

NVR

HN35040101
HN35040108
HN35080208
HN35160208

HN35040102
HN35040110
HN35080210
HN35160210

HN35040104
HN35080202
HN35080216
HN35160216

HN35040106
HN35080204
HN35160204
HN35160220

HDD Installation Guide

Recommended

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Revision

Issue	Date	Revisions
A	05/2022	New document.

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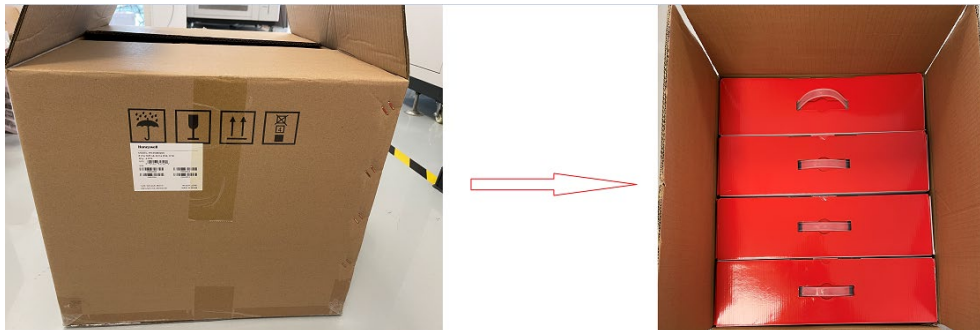
HDD installation

Unpacking the NVR

Note: The below description is taking HN35080200 as an example.

1. Cut the carton carefully with a knife to open it.
There are two NVRs inside the carton.

Figure 1 Cut The Carton



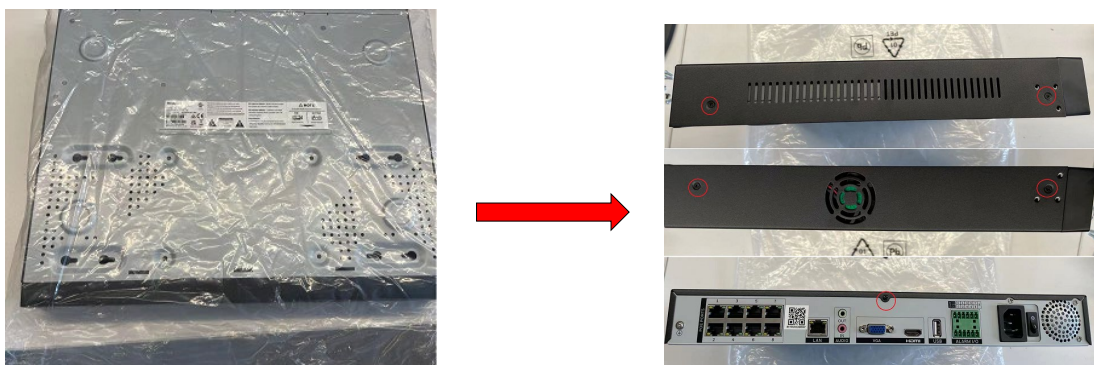
2. Take out the NVR. There are 2 EPEs, 1 accessory box and 1 NVR inside the gift box.

Figure 2 Open The Gift Box



3. Unwrap the NVR PE bag. Unscrew 6 screws in total on three sides of the NVR and take out the NVR's top cover.

Figure 3 Take Out The NVR's Top Cover



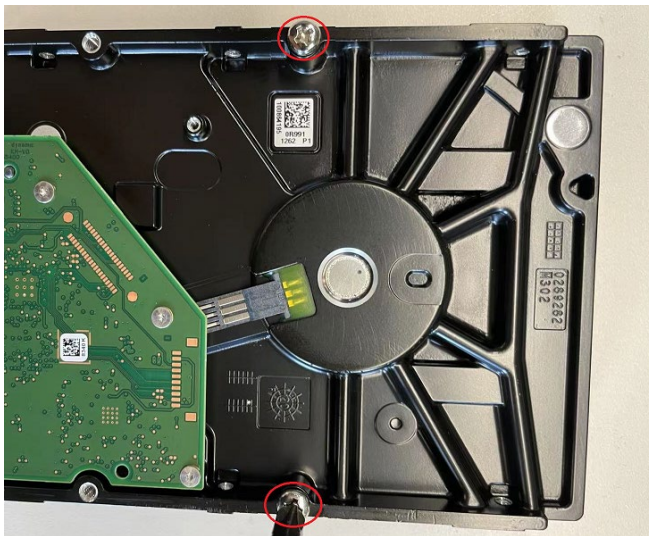
Install HDDs in NVR

Note: The below description is taking HN35080200 as an example.

1. Take out 1~2 HDDs. Place 2 screws on each HDD as below. Lock these 2 screws loosely.

Note: Don't tighten the 2 screws.

Figure 4 Lock Screws for HDD



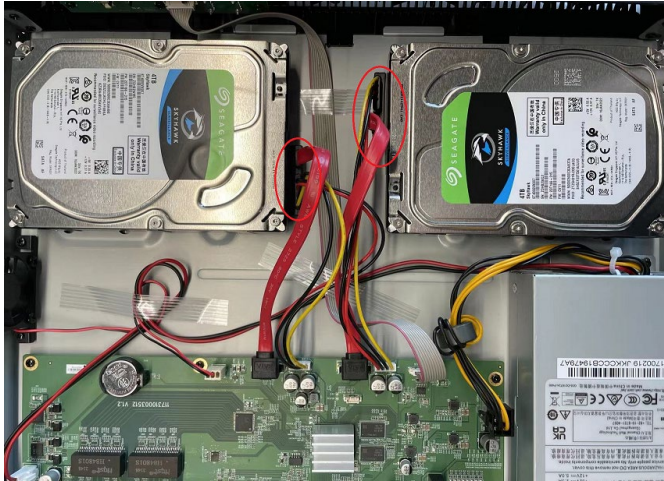
2. Slide the HDD gently in the NVR, making sure the 2 screws in step 1 are in the following screw holes: No.1 and No. 2 as shown below. Tighten screws for No.1 and No. 2 and add two more screws for No.3 and No. 4 and tighten up them.

Figure 5 Lock Screws for HDD



3. Plug the SATA and power connectors into the HDDs.

Figure 6 Connect HDD

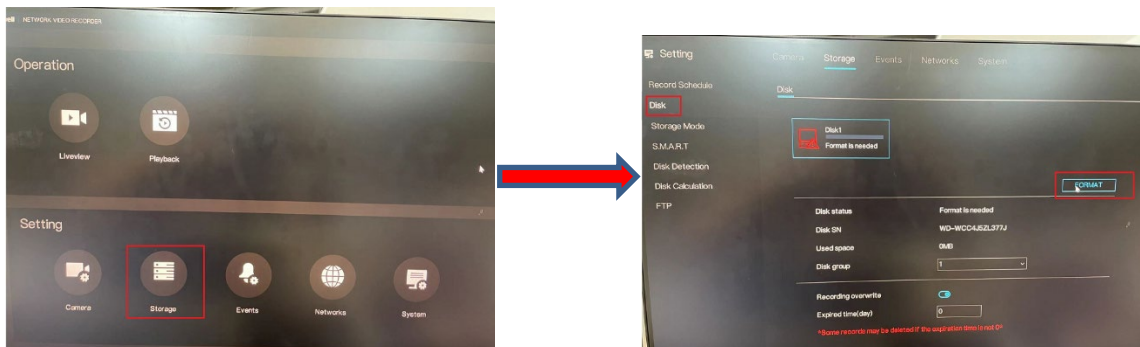


Format HDD

After install the HDD, user needs to format the HDD first to use it.

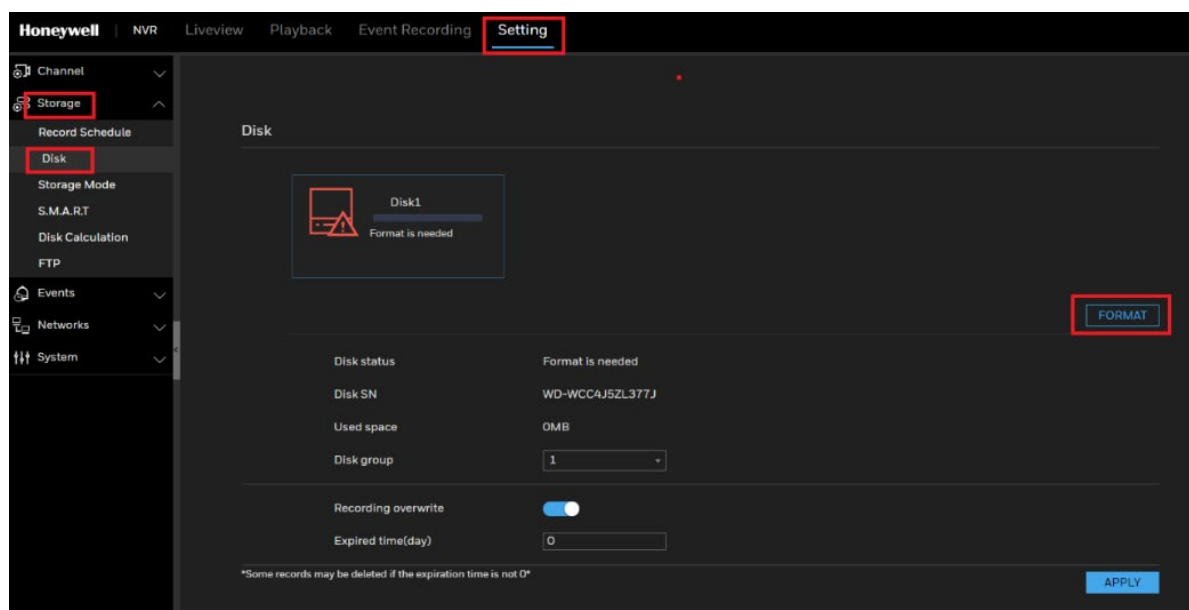
1. Format HDD on NVR GUI.
 - a) Login to NVR, click on Storage.
 - b) Select Disk to format the HDD.

Figure 7 Format HDD on NVR GUI



2. Format HDD on NVR webpage.
 - a) Login the NVR.
 - b) Go to Setting > Storage > Disk.
 - c) Select the HDD and click FORMAT to format the HDD.

Figure 8 Format HDD on NVR webpage



NVR Firmware Upgrade (Optional)

Note: NVR Firmware update is optional. The upgrade is required when new Firmware is released, or there's special requirement.

Setup NVR

1. Connect the monitor to the NVR.

Figure 9 Connect the Monitor



2. Connection power line of

the NVR.

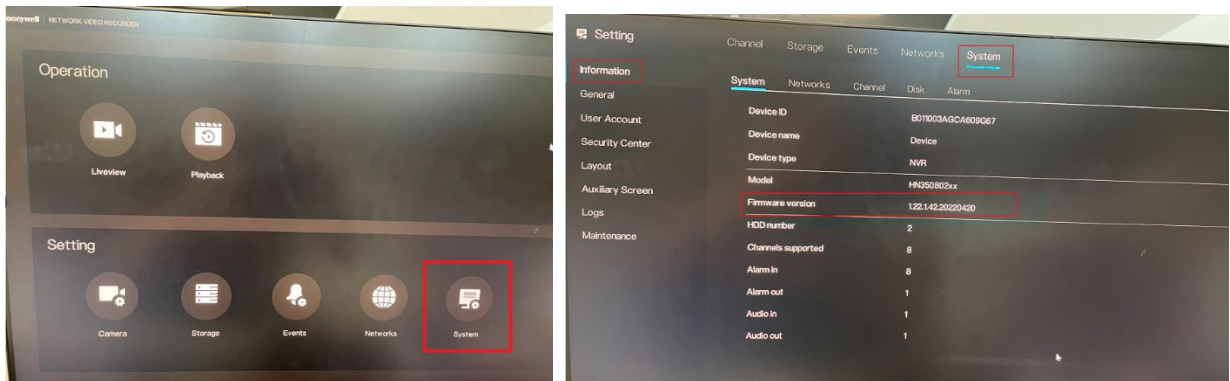
- a) Connect the power line.
- b) Press the power button on the NVR to turn on NVR (O for Off /I for On). If you select Web page update firmware you need connect the NVR with your PC with RJ45 cable.

Figure 10 Connect the Power Line



3. Check the firmware in NVR.
 - a) Login NVR GUI.
 - b) Go to Setting > System > Information to check the NVR firmware version.

Figure 11 Check the Firmware Version



Update NVR Firmware

There are two ways to update firmware (Local or Web site). You can choose one for your convenience.

Update Firmware via USB Drive

1. Prepare a USB drive and format to FAT32.

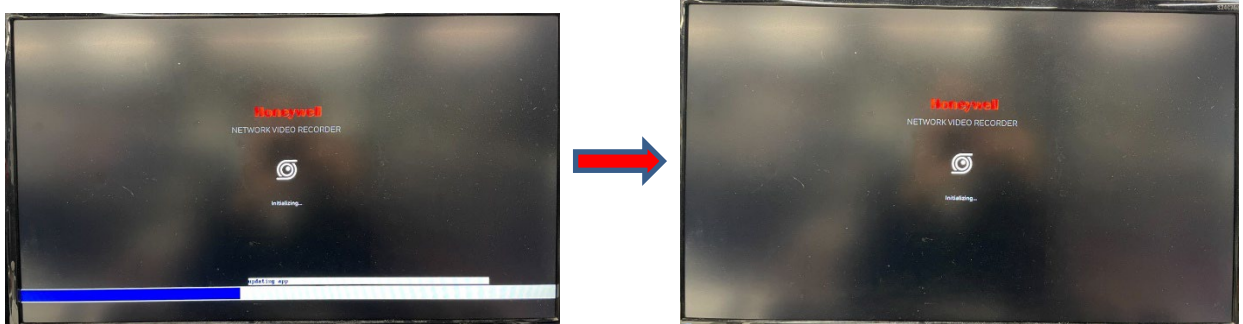
Copy firmware file, e.g.

“HON_Honeywell_Series35_HN35XX0XXXX_1_HC1.22.1.42.20220420.bin” into root directory of the USB drive.

2. Power off the NVR
3. Plug the USB drive into any one of the NVR's USB ports.
4. Power on the NVR.

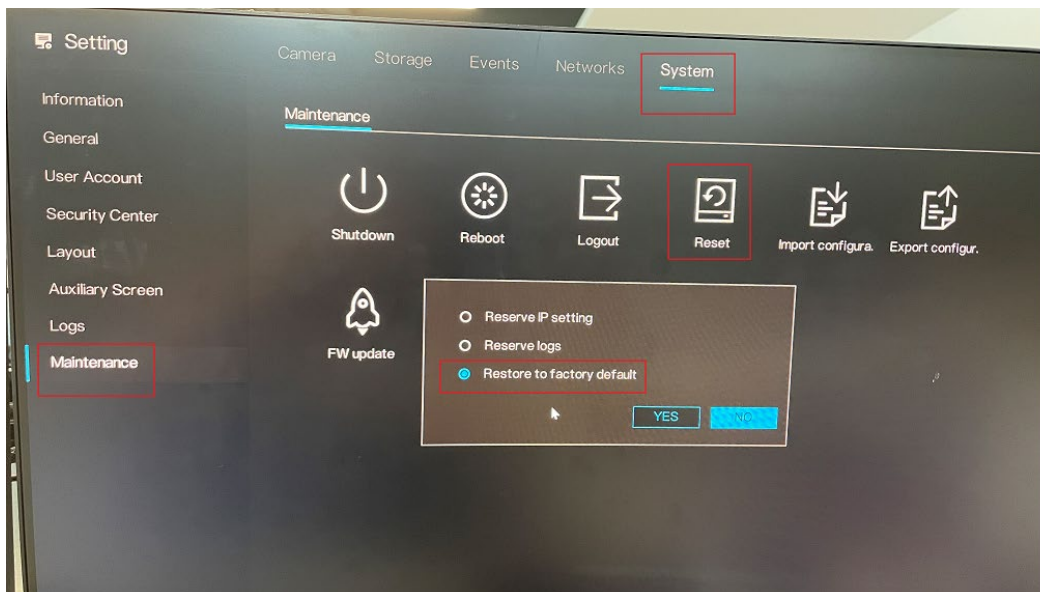
NVR will upgrade automatically, and during the upgrading process, it will reboot. After upgrading success, it will get into NVR UI interface automatically.

Figure 12 NVR Upgrading



5. If you activated the NVR, after upgrading, please reset the NVR.
6. Go to System > Maintenance. Click Reset then select Restore to factory default to reset the NVR.

Figure 13 Reset the NVR

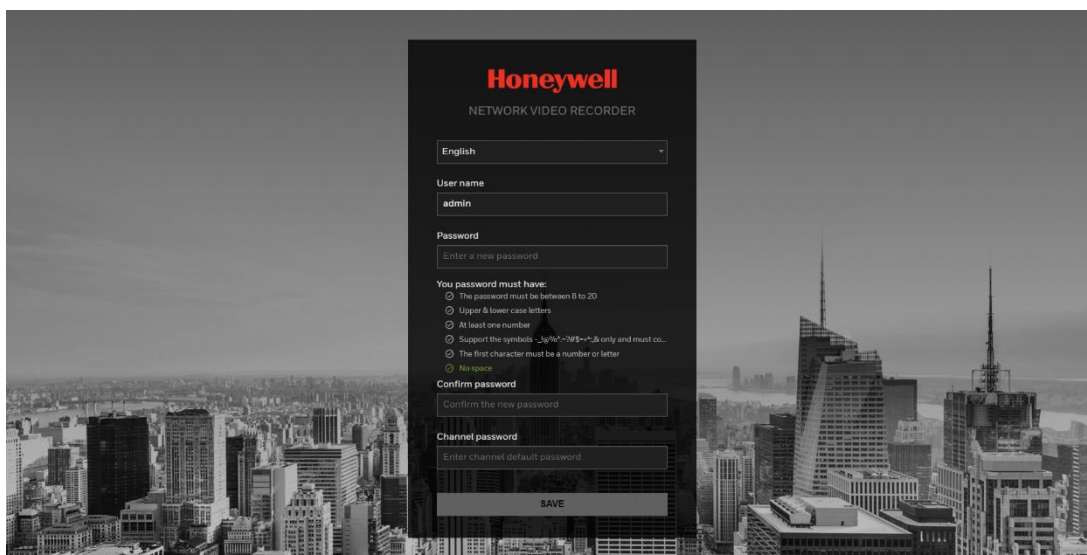


Update Firmware via Web Browser

1. Login the NVR via Web browser.

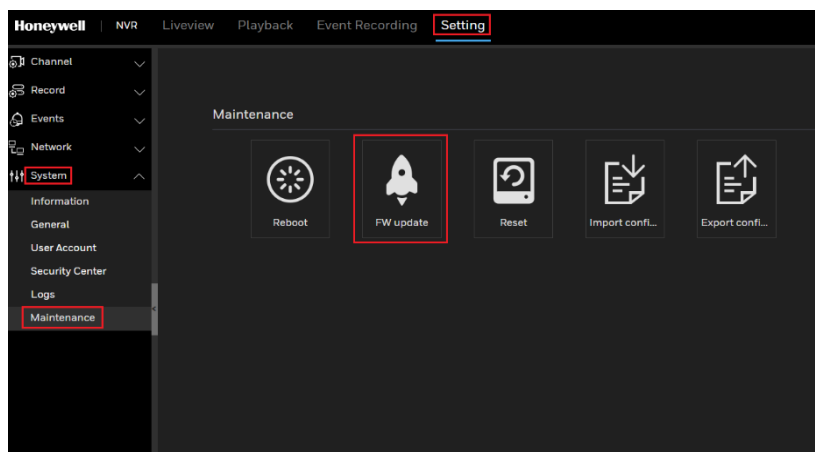
Note: For the first login, you need to create a new password to activate the NVR

Figure 14 Login the NVR



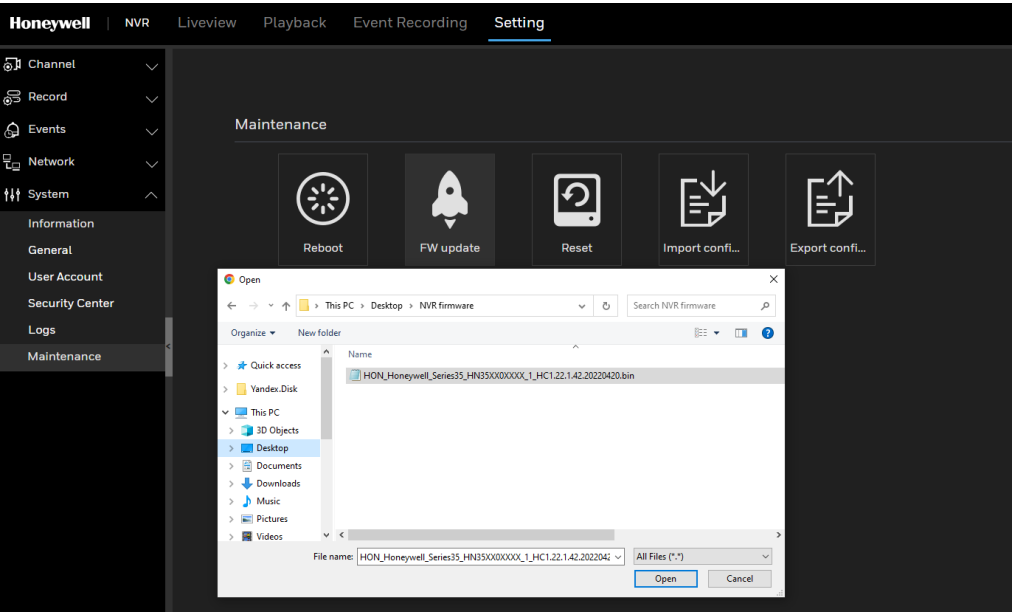
2. Go to Setting > System > Maintenance > FW update.

Figure 15 Firmware Update



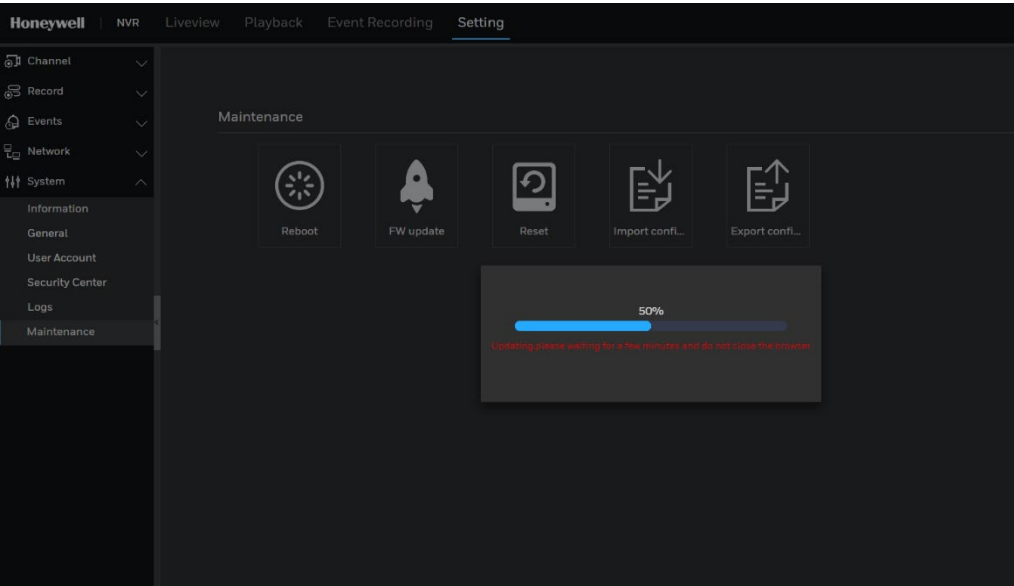
3. Select the correct NVR firmware, e.g.
“HON_Honeywell_Series35_HN35XX0XXXX_1_HC1.22.1.42.20220420.bin”.

Figure 16 Select the NVR Firmware

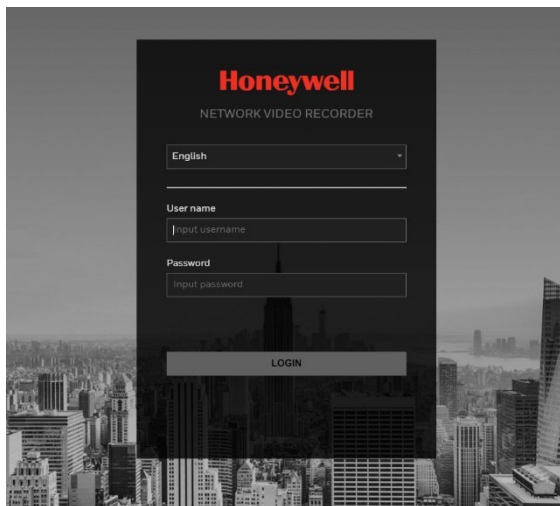


4. After selecting the firmware, the upgrading will start automatically. The process may take several minutes.

Figure 17 Firmware Upgrading

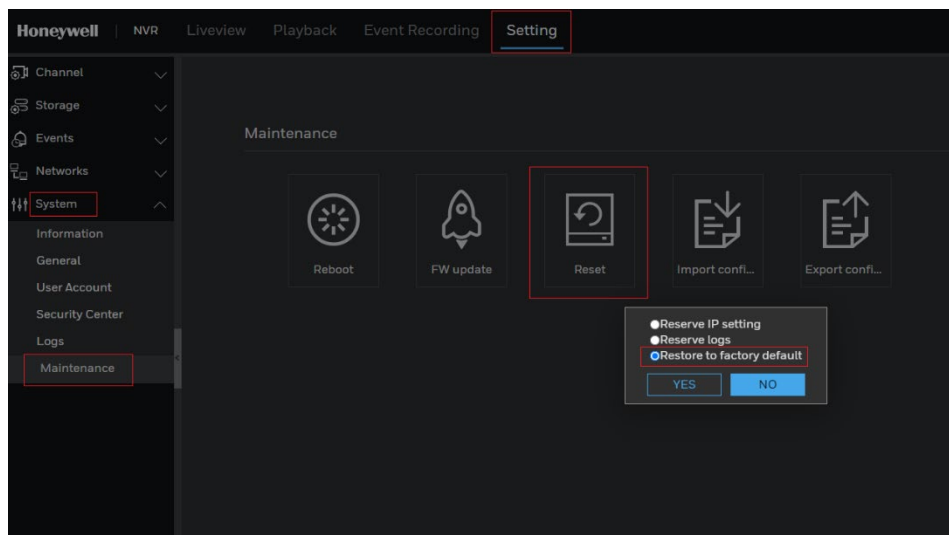


Once the upgrading is finished, the web browser will jump to NVR login interface automatically.



5. Login the NVR. Go to Setting > System > Maintenance.
6. Click on Reset and then select Restore to factory default.
7. Click YES to reset NVR.

Figure 18 Restore to Factory Default

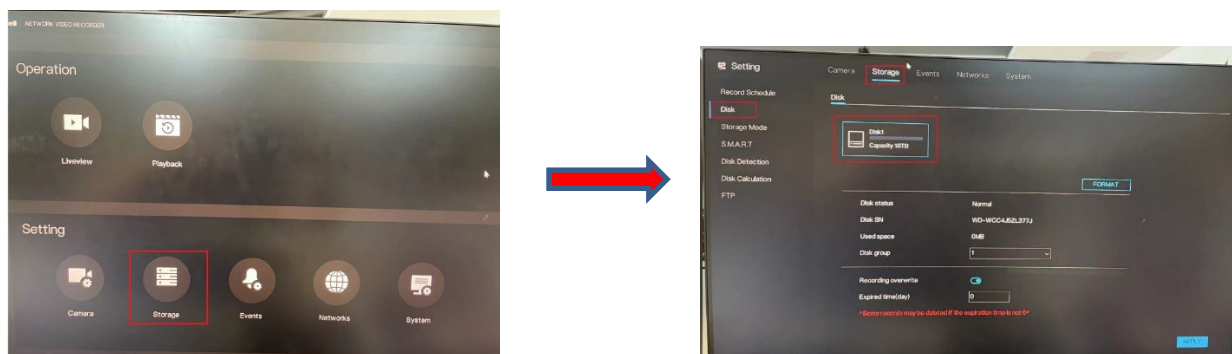


Check the Storage Capacity

Note: The below description is taking HN35080200 as an example.

1. Login NVR.
2. Go to Setting > Storage > Disk to check if the storage capacity is the same as the HDD installed in the NVR.

Figure 19 Check Storage Capacity



Reset the Unit

Note: The below description is taking HN35080200 as an example.

Please refer to Step 6 in [Update Firmware via USB Drive](#) or [Update Firmware via Web Browser](#) to reset the NVR to factory default status.

Packaging

Note: The below description is taking HN35080200 as an example.

Packaging NVR Gift Box

1. Put the NVR back in the PE bag and wrap it.

Figure 20 Put the NVR Back in the PE Bag



2. Put the EPEs and accessory bag back.

Note: Don't forget to put accessories into the accessory box.

Figure 21 Put the EPEs and Accessory Bag



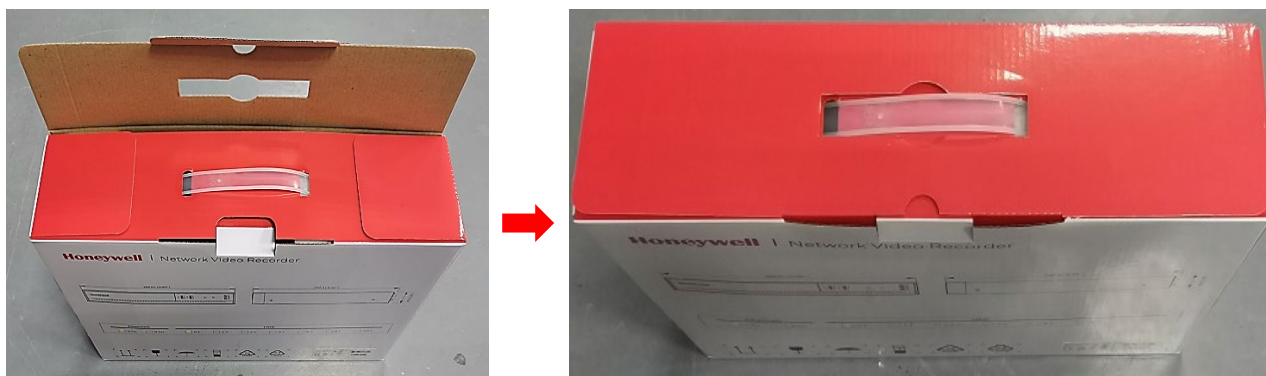
3. Put the NVR in the gift box.

Figure 22 Put the NVR in the Gift Box



4. Seal the Gift box

Figure 22 Seal the Gift box



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