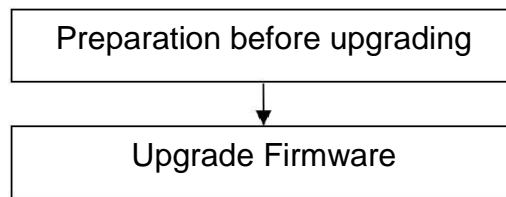# Upgrade Guidance for NVR FN7104W-B4

Before updating to this firmware, please make sure you have updated your camera (FI9900W) firmware to the version 1.15.1.1_11.154.1.15 first. Otherwise, your cameras will lose connection to the NVR.

This firmware is for NVR FN7104W-B4, please check your NVR model on the sticker. Updating with the wrong firmware could severely damage and/or break your NVR.
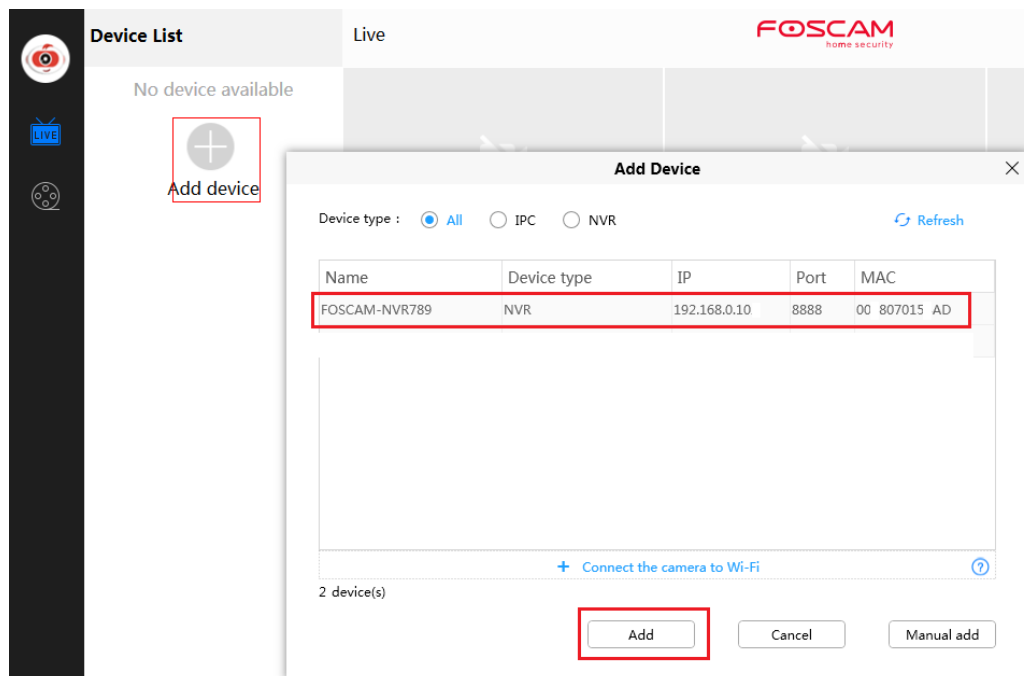
```
┌─────────────────────────────────┐
│  Preparation before upgrading   │
└─────────────────────────────────┘
               │
               ▼
┌─────────────────────────────────┐
│       Upgrade Firmware          │
└─────────────────────────────────┘
```

Preparation before upgrading:
1. DO NOT upgrade firmware over internet, just finish it in LAN;
2. Keep power on during the upgrading;

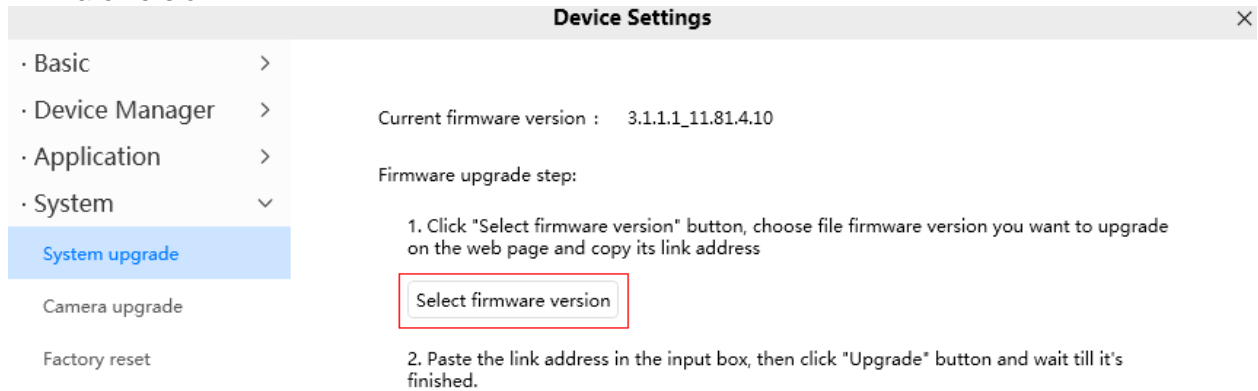**Method 1:** Upgrade firmware on **FoscamVMS**.

Step1: Power on the NVR and connect it to router with an Ethernet cable.

Step2: Open FoscamVMSclick →"Add device". The NVR will appear on FoscamVMS.

Step3: Click the settings icon→ System→ System upgrade and Click "Select firmware version".
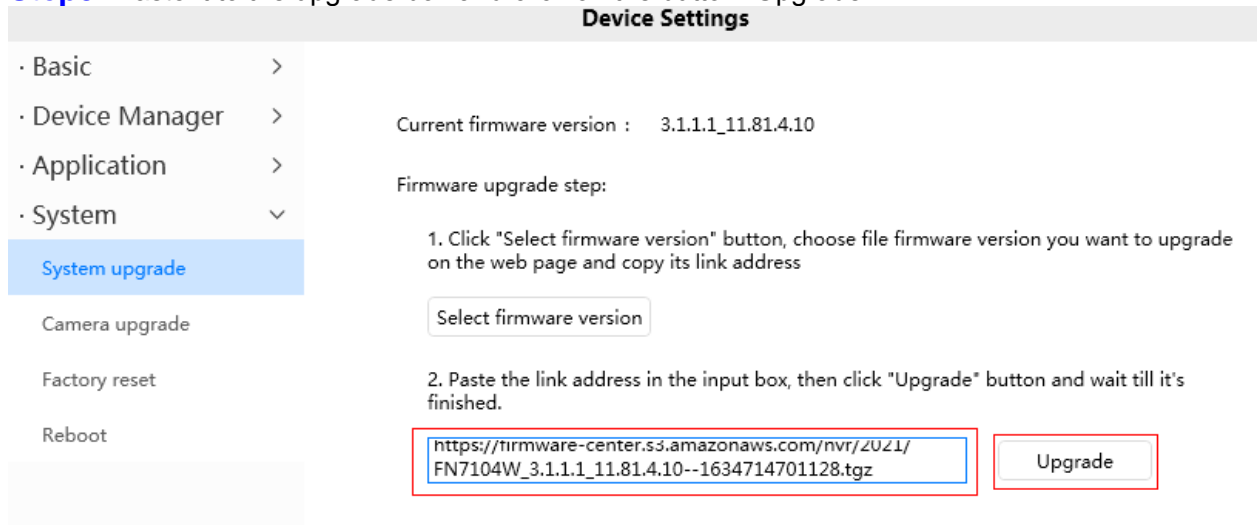

Step4: Find the firmware version "3.1.1.1_11.81.4.10" and click on Copy button.

3.1.1.1_11.81.4.10   2021-10-20   1. Fix some bugs

Step5: Paste it to the upgrade box and click on the button "Upgrade".

Note: During upgrading, NVR will reboot itself. DO NOT power off the NVR. Wait till the IP address of the NVR shows up.
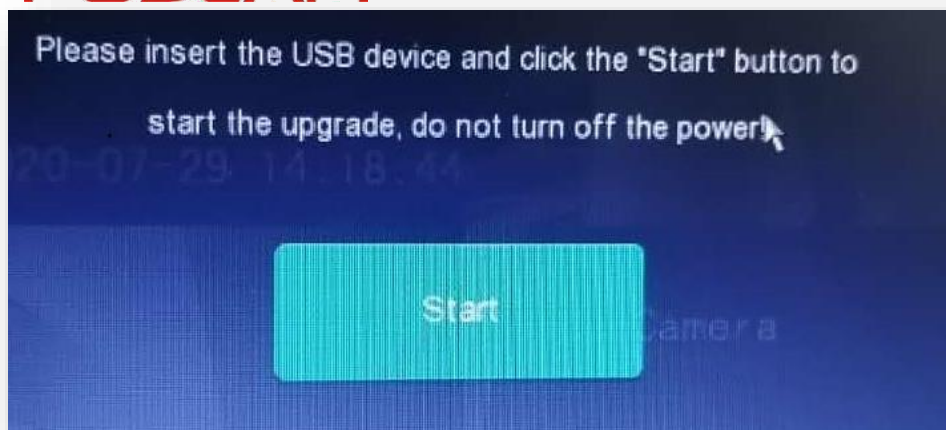
Method 2: Update firmware with **USB HDD.**

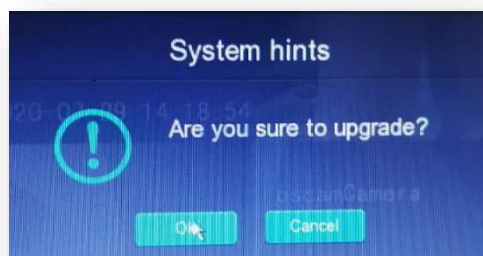**Step1:** Power on the NVR and connect it to router with an Ethernet cable.

Step2: Download the firmware from https://www.foscam.com/downloads/firmware_details.html?id=152 and copy it to the USB device.

Step3: Log-in your NVR FN7104W from monitor, go to Menu→Upgrade→NVR upgrade→Connect the USB HDD device to the NVR→click the Start button.

Step 4: Click "OK" on "Are you sure to update?"

Step 5: Wait till the process 100% finish. Then NVR will reboot itself, DO NOT power off the NVR, please wait till the live video of the camera shows up.

Congratulations, your NVR successfully upgraded to the latest firmware!

End

--- by Foscam Technical Support Team