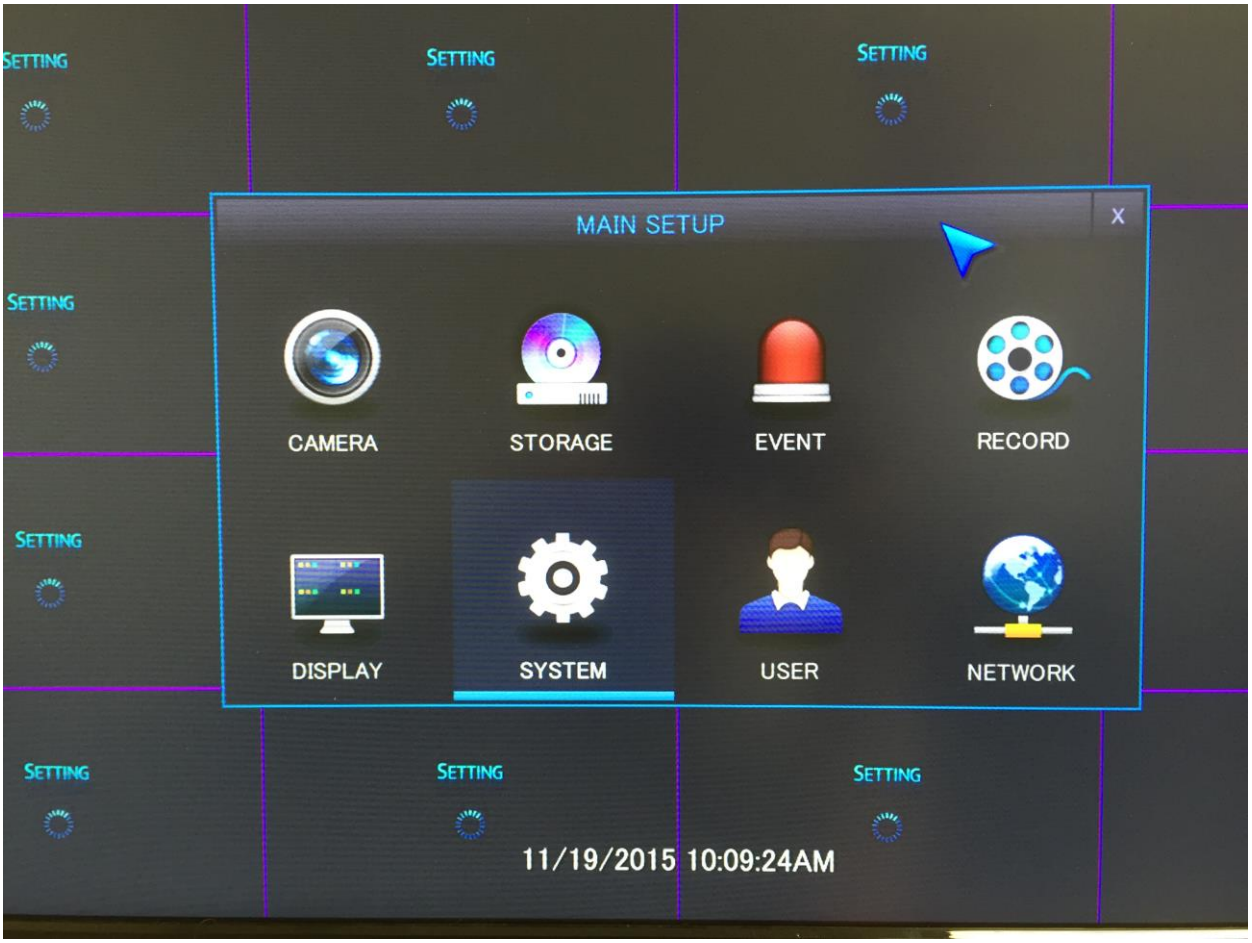
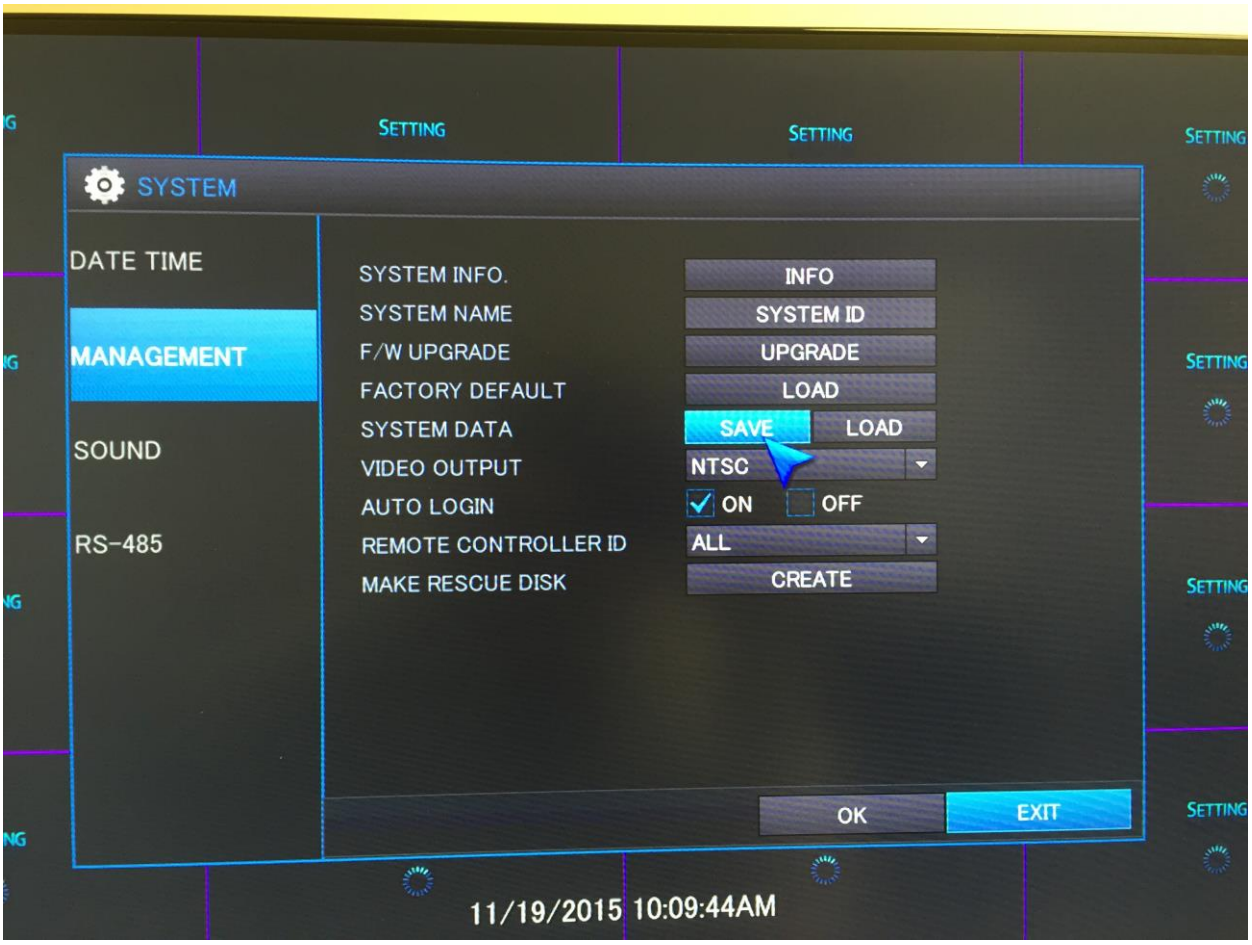
Guideline to Upgrading the Firmware on the Freedom Properly

IMPORTANT: The following guideline will erase all logs from the DVR system, but exporting the Configuration will also export a text format log file as well. So please be advised to export configuration before performing the firmware upgrades

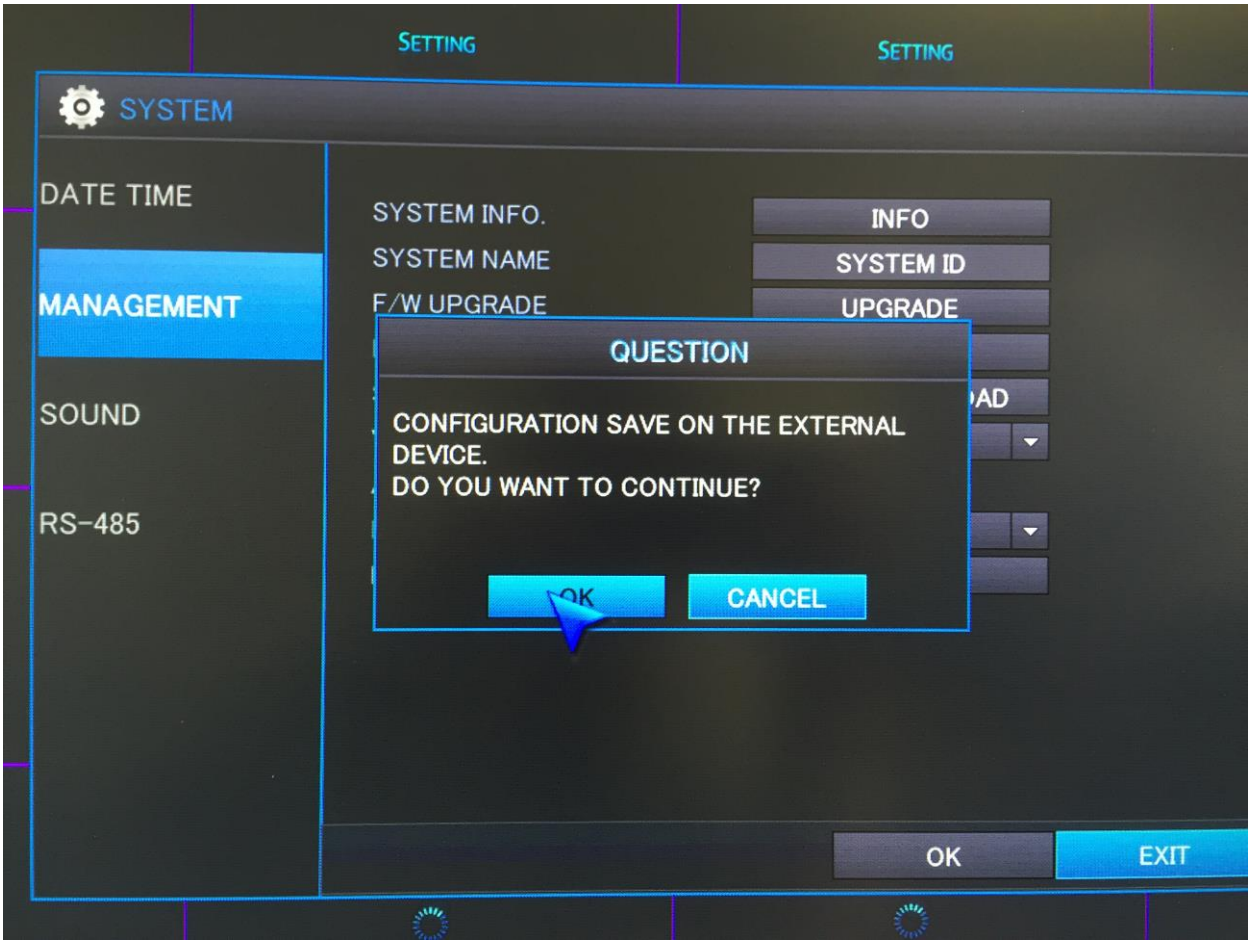
1. **Exporting the Configuration and the log file.**
2. Go to the "Main Menu" on the DVR and then go into "System."



3. Once you are in the "System" menu, go to "Management."



4. To export all the DVR configuration, simply plug in the USB Flash drive into the DVR and select "Save" under "System Data."

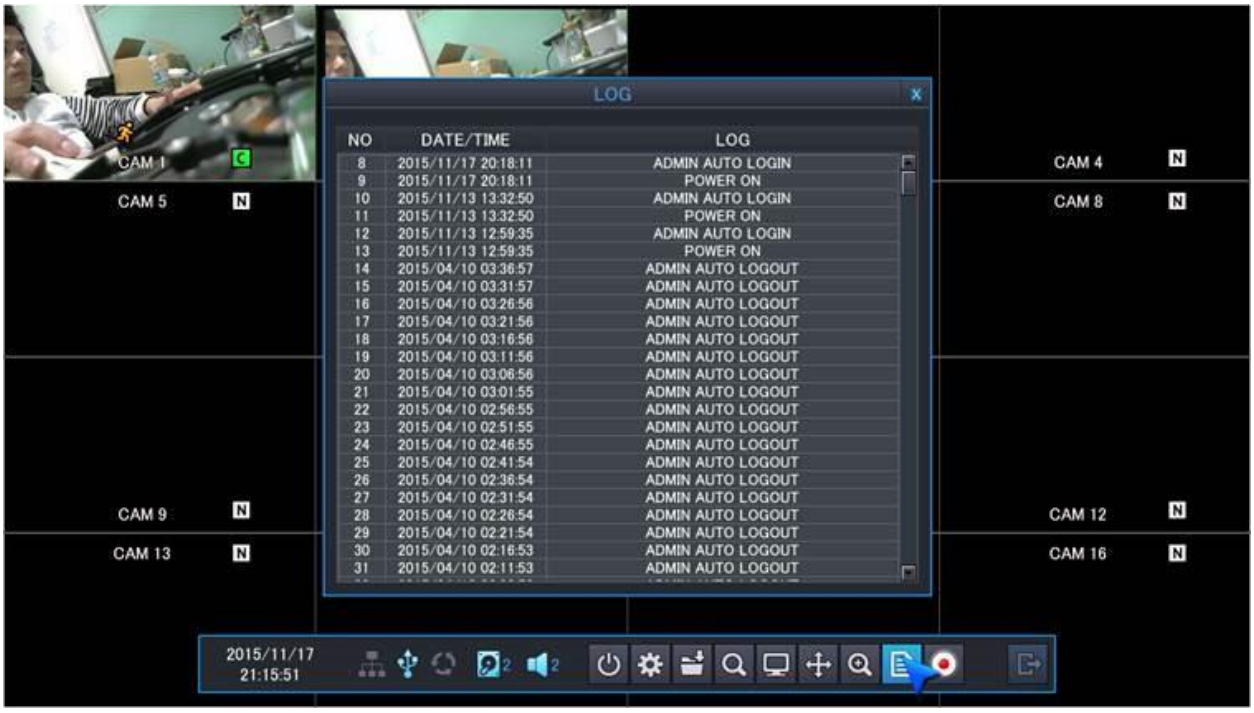


5. A message will prompt asking if you want to continue with the procedure. Click “OK”

6. Once it's done exporting, a message will prompt as shown below:

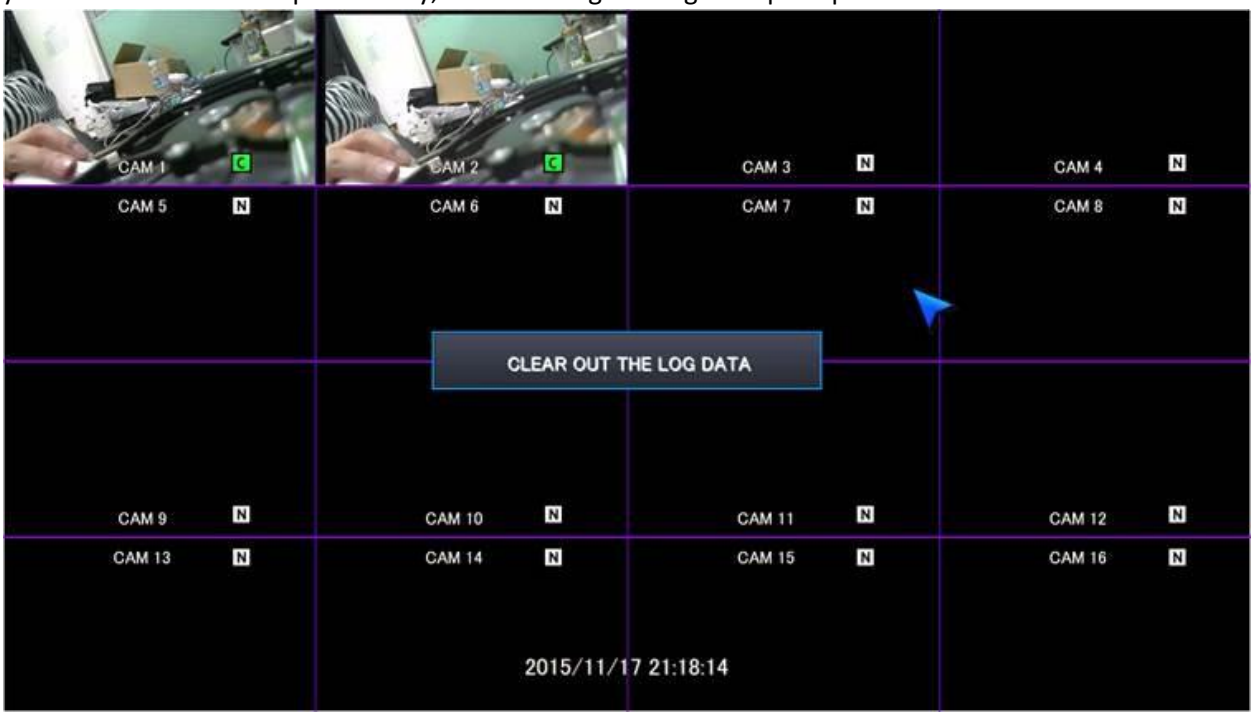


7. **Deleting the Log files and Factory Resetting the DVR.**
8. On the Live View, put the mouse cursor on the very bottom of the screen to pull up the menu icons.
9. Click on the "Log" icon to pull up the list of logs as illustrated below:



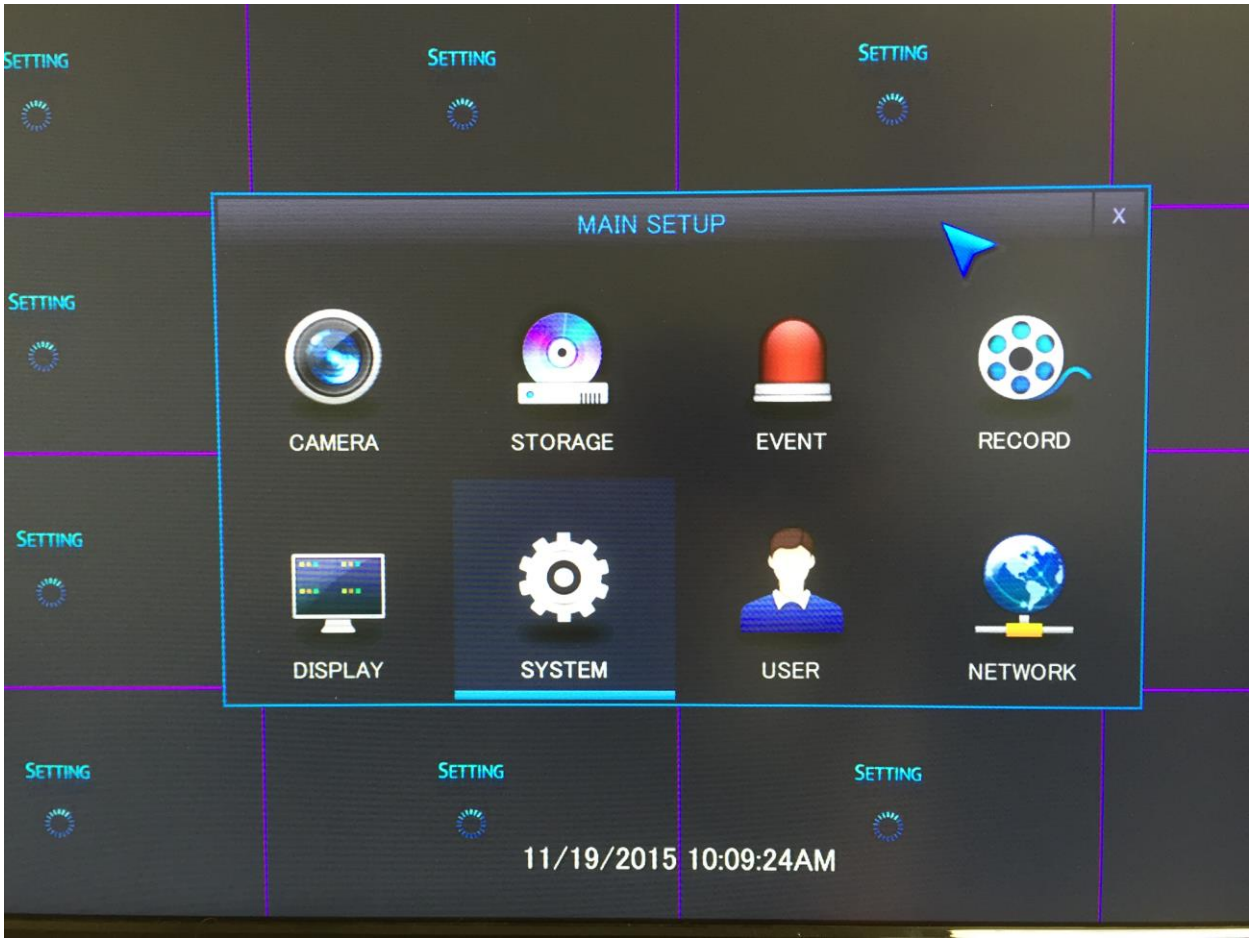
10. On this screen, using the Front Panel or the Remote Controller press Function(FUNC) Key + channel 4 -> 3 -> 2 -> 1 to delete all the logs.

11. If you have done these steps correctly, the following message will prompt:



12. After the message, wait till the DVR system automatically reboots.

13. **Upgrading the firmware (3 step process)**
14. On your computer, download the correct firmware for your DVR model.
15. There should be 2 firmware files for each model. (1st and 2nd Firmware).
16. ***Note, following steps are very important and if the upgrade is done incorrectly or in the following order, it might damage the DVR.**
17. Plug the usb flash drive into the computer, and within the flash drive, create a folder and name it "dvr."
18. **Extract the 1st DVR firmware using WinRAR to the "dvr" folder in the flash drive. (example of the firmware name "1st_DVR_FW_1.20N_UI_1.1.C.D_8116S_Powertek.tgz")**
19. Once the 1st DVR firmware is successfully extracted into the "dvr" folder, you can unplug the usb flash drive and plug it into the DVR.
20. Once the usb flash drive is plug into the DVR. Go to the "Main Menu" of the DVR.

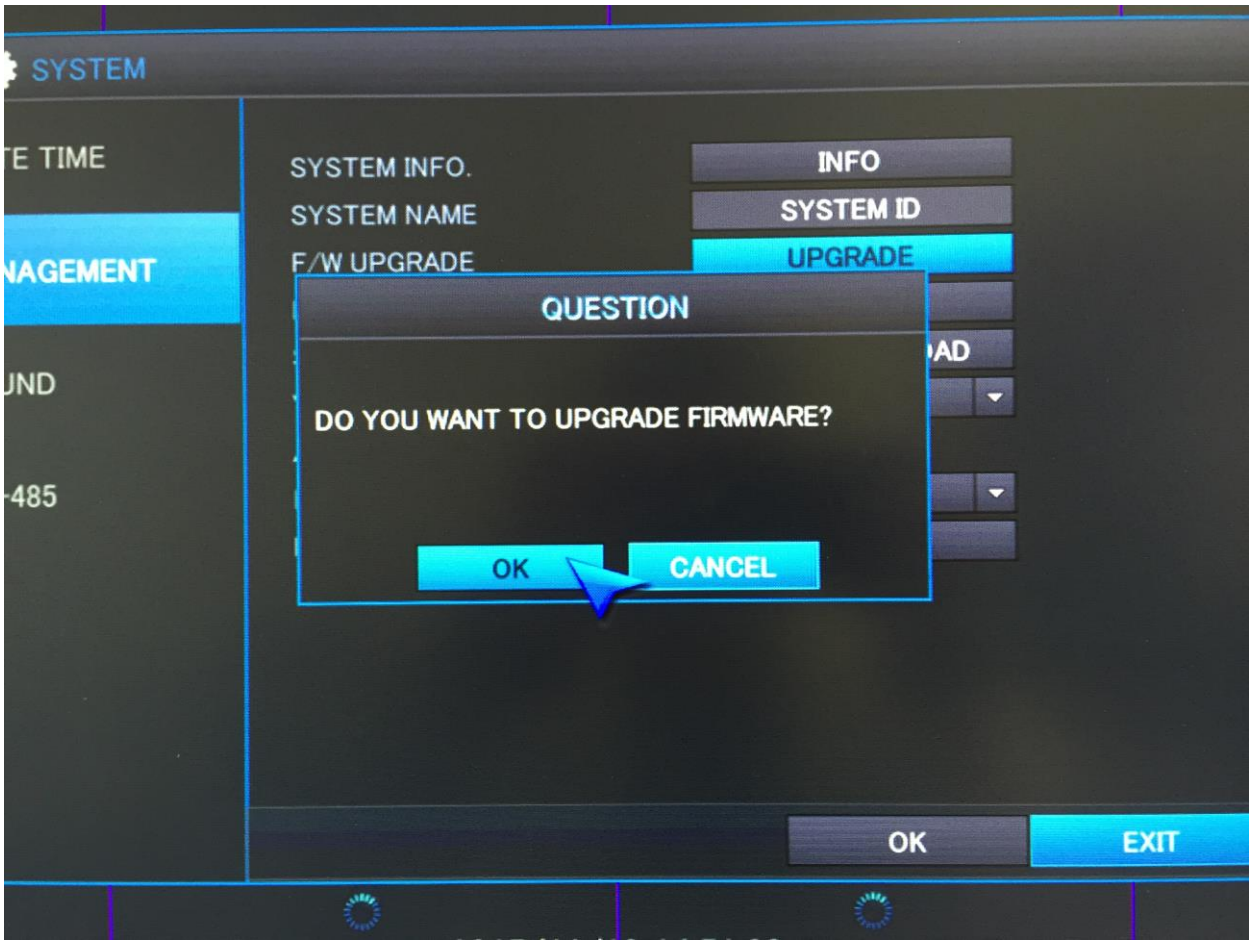


21. Go into "System" in the "Main Menu"
22. Go to "Management" under "System" menu, and click on the "Upgrade" button.

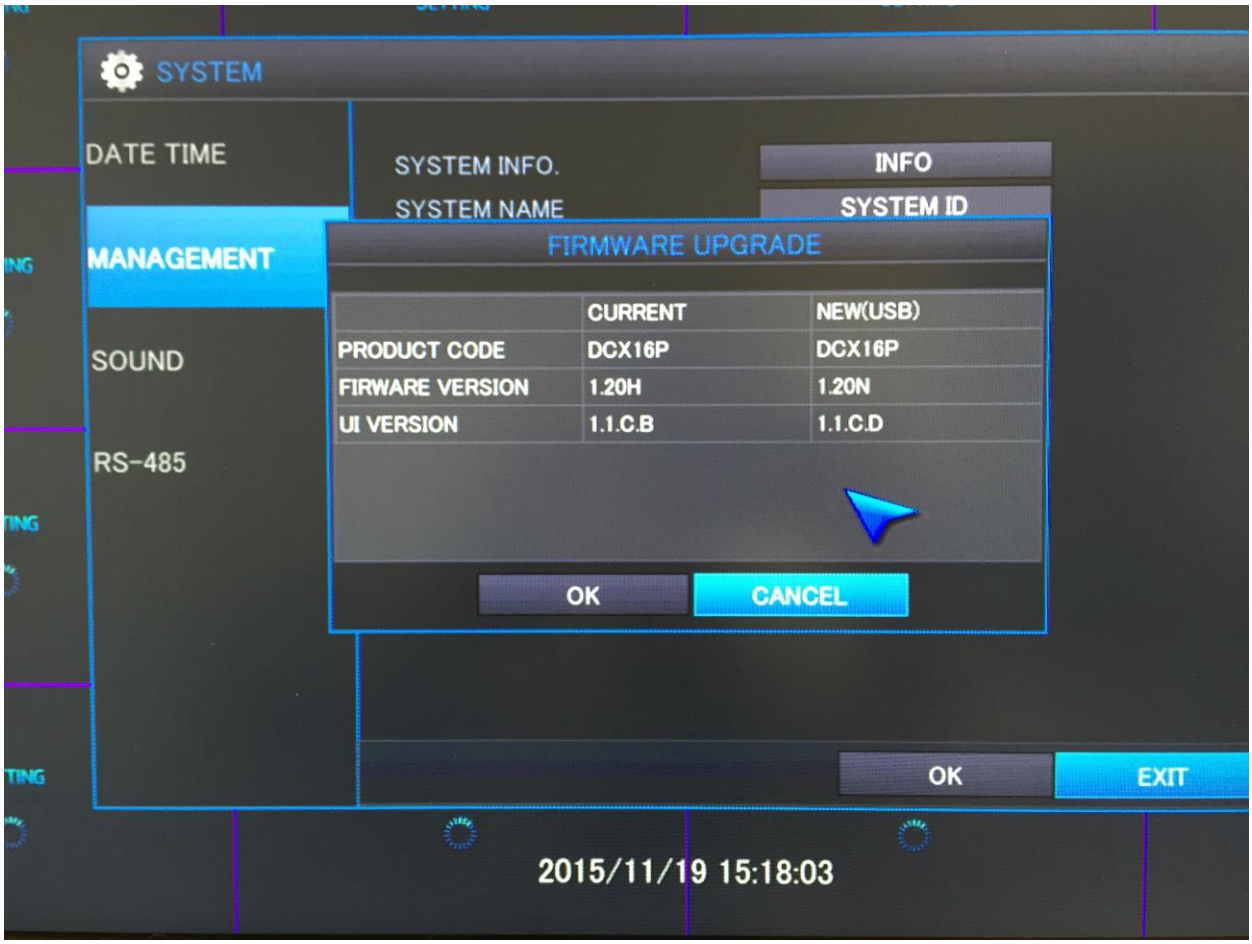


23. Message will prompt asking if you want to continue with the firmware upgrade, press “OK.”

23


SYSTEM
TE TIME
NAGEMENT
UND
-485
SYSTEM INFO.
INFO
SYSTEM NAME
SYSTEM ID
F/W UPGRADE
UPGRADE
QUESTION
DO YOU WANT TO UPGRADE FIRMWARE?
OK
CANCEL
OK
EXIT

24. It will read through your USB Flash drive and will recognize the firmware. If the previous steps from **17 ~ 19** is done correctly, you will get the message illustrated below:



25. Hit "OK" from this screen to perform the 1st firmware upgrade.

26. Once the firmware upgrade is finished, the system will automatically reboot itself.

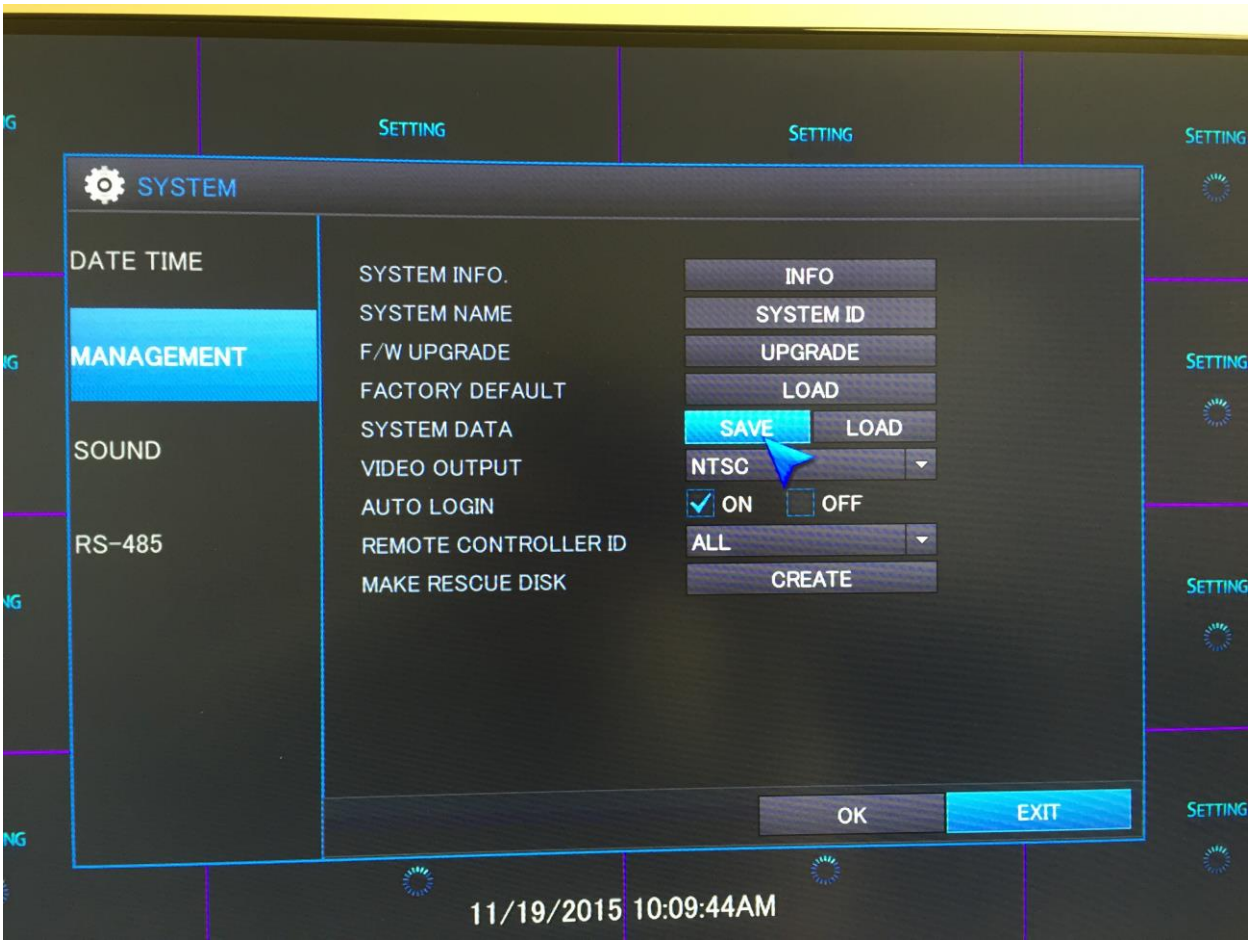
27. **Perform another firmware upgrade, but for the 2nd Firmware (example file name: 2nd_DVR_FW_1.20N_UI_1.1.C.D_8116S_Powertek.tgz) from steps 16 ~ 25.**

28. Once the 2nd firmware upgrade finishes, the DVR will automatically reboot itself.

29. After both 1st and 2nd firmware upgrades are finished, perform a reboot once more.

30. **Importing the Configurations**

31. Go to "Main Menu" and select "System"



32. Go to “Management” under “System.”

33. Plug the USB Flash Drive with the Configurations and Select “Load” under “System Data” to import the Configurations from the USB Flash Drive.