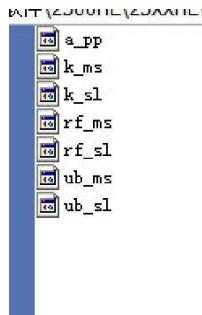


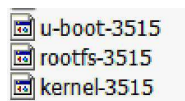
ADEMCO DVR FLASH AND FW UPDATE

Flash memory update process

1. Download the zipped package file from Ademco.
2. Unzip the package, you will find the flash files in it.
3. Below image shows you the filename of these 7 files:



NOTE: For model 230408SE, there are only 3 files as below:



4. Format your memory stick, and move these files into root directory.
5. Power off the DVR; make sure there's no electricity. Then plug the memory stick to the DVR's USB port.
6. Power on the DVR, if you can see a blank screen instead of H264 logo, then it means the DVR has successfully recognized the files, and is upgrading the flash files;
7. Please wait about maximum 25 minutes, your DVR will automatically reboot and enter the system.
8. Login the system and check the firmware version in the system information, check if the update succeed.
9. Delete all the flash files in your U disk, in case that if next time you plug it to DVR, and the DVR will automatically upgrade those flash files.

Please note, the flash update may fail if your flash disk doesn't support the MBR. There might be required to try couple of flash disc prior succeeding.

The flash disk in our test was a Kingston's

FIRMWARE UPDATE

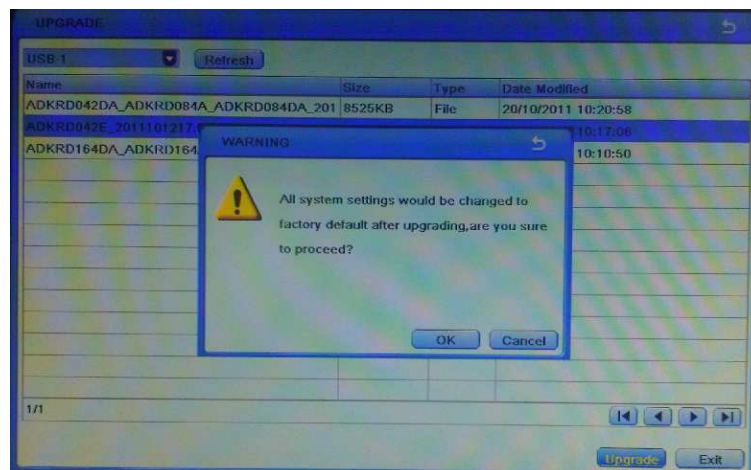
Firmware update process

1. Copy the FW file with the TAR extension to a formatted empty USB flash disc; plug the USB to the DVR. It is recommended to place on USB disc only the file that is relative to the DVR designated for update.

↑ [..]			<DIR>	01.11.2011 13:20	—
ADKRD042DA_ADKRD084A_ADKRD084DA_20111012	tar	8 729 614	20.10.2011 09:20	-a-	
ADKRD042E_2011101217	tar	8 720 555	20.10.2011 09:17	-a-	
ADKRD164DA_ADKRD164A_20111012	tar	9 138 452	20.10.2011 09:10	-a-	

Notice: don't decompress the file.

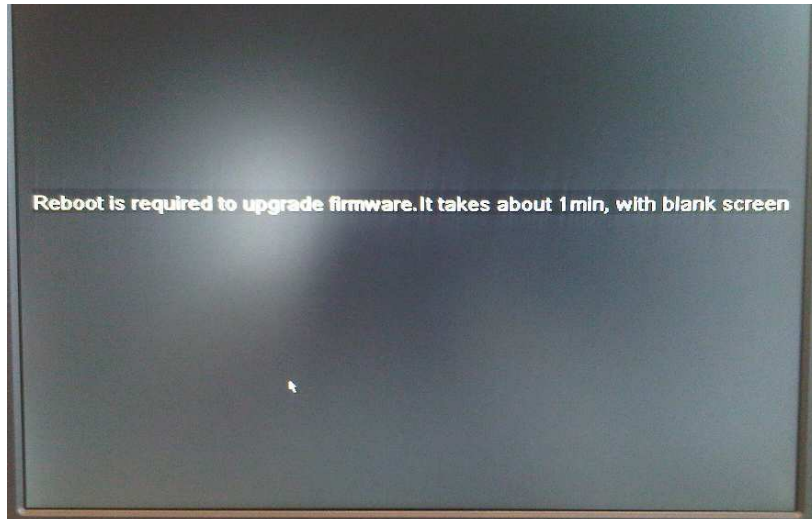
2. Enter MENU → UPGRADE. Select the firmware you want to upgrade, click “upgrade”. A prompt will appear, which reminds users that it will automatically load default settings after update. Click OK to upgrade.



Notice: The FW upgrade clears all settings and leaves the DVR in factory default settings



3. Please wait a few seconds, It will show the below message:



4. Just wait for 4-8 minutes, update takes some time, and the DVR will automatically restart. When the update completed, the screen will show the system again.

5. Please input your password and login to check if the system information shows the right firmware version you want.

To check the system information, you just need to enter **Menu → Information → System:**

ADEMCO

[illegible]

Notice: don't disconnect power and the USB flash drive during upgrading.