**HOW TO MANUALLY UPGRADE THE WIRELESS IP CAMERAS FROM AN USB DRIVE**

1. Click on the firmware update link to download the firmware to your computer.
2. Save the firmware onto a USB flash drive/pen drive.  Use a clean USB drive with a maximum of 32GB and format the USB to FAT32.
3. Please save the file to the USB drive without changing the file name.  Please do not try to save the firmware to a file on your computer.  Your computer will not recognize the file.
4. Connect a mouse and a monitor to your WNVR.
5. Insert the USB drive with the updated firmware into an open USB port on the back of your WNVR.
6. Use your mouse to right-click anywhere on the screen to open the Menu.
7. Left-click on “**Main Menu”**and log onto your device.
8. Left-click on the “**Camera”** tab located in the top of the Main Menu.
9. Left-click the “**IPC Upgrade**” sub-tab on the left side.
10. Select the camera(s) you want to upgrade by clicking on the **“Select”** checkbox. Select **“All”** to upgrade all the cameras.
11. From the **“Firmware from”** dropdown menu, select **USB Storage**
12. Click **“Start”**
13. Your cameras may reboot after the update is completed.  This may take several minutes.
14. To confirm that your firmware was successfully updated, in the same screen check the **“S/W Version”** displayed here matches the name of the file you downloaded.