6.2 System Recovery

For GeoVision DVR Systems, System Recovery is an automatic process that is used to reformat system hard drive and reinstall Windows OS, motherboard drivers, and GeoVision applications. It is necessary when the DVR system encounters irreversible damages.

✓ *Perform System Recovery only if necessary or as suggested by GeoVision Technical Support personnel. Always consult GeoVision Technical Support prior to System Recovery.*

6.2.1 Run System Recovery

When it is necessary to perform System Recovery, follow the steps below:

1. If applicable, backup any video/audio files or program files in C: drive. Since System Recovery will only affect C: drive, it will not affect recording stored in other hard drives.
2. If there is any setting that requires backup, run **Fast Backup and Restore** (Section 5.5) to save current system settings. Then save the FBR file onto an USB drive.
3. Disable and turn off the power of each hard drive bay. The power button for each hard drive bay can be found on top of or next to each hard drive slot in the front panel of each DVR system. The button usually has green or orange light depending on the status of the hard drive.
4. Insert "**GV-DVR System Recovery DVD**" in to DVD Rom.
5. Press the red "**Reset**" button located in the front panel of the DVR system.
6. After the DVR system reboots, it will try to boot from the Recovery DVD instead of loading Windows OS.
7. A prompt window will appear to confirm recovery procedure, click "**OK**" or "**Yes**" to initiate System Recovery.
8. After System Recovery, the DVR system will automatically reboot.
9. Replace any backup files from step 1 above.
10. Run FBR file from generated from step 2 above to reapply the settings.
11. Enable and power on each hard drive bay from step 3 above.
12. Verify the storage path (as shown in section 2.5) and make sure each hard drive is detected under **My Computer**.
13. Run **Database Repair Utility**. (Refer to section 5.5)

✓ *System Recovery process generally takes approximately 45 minutes to complete.*