Important: When updating firmware on a GSI 304SD system ONLY use the approved and up to date firmware. Once the firmware has been successfully updated, the system will automatically restart. It is essential for this restart to take place. Once a firmware update and configuration has been loaded into the DVR, the configuration must be checked for correctness. If discrepancies are found the necessary changes must be manually made to the configuration.

1. Log In to The Gate section of www.gatekeeper-systems.com and download the correct firmware for the GSI 304SD system. Please refer to the appropriate firmware "Release Notes" for specific file information.
2. Save this file to a USB Storage Device. The file must be saved to a folder named dvrupgrade. DO NOT place the firmware anywhere else or the upgrade will fail. The file will be in a .sw format and should not be renamed or changed in any way.
3. Double check that the file name of the downloaded firmware has not been changed by the internet browser. If additional characters such as brackets or numbers have been added, manually remove these from the file name.
4. Go to the recorder on the vehicle. Connect a portable monitor (or ICD Assembly) to the GSI 304SD system. Turn the bus ignition on. This should power the unit on automatically.
5. Using the remote control or ICD, enter the user name and password. Refer to technical documentation for username and password information.
6. Insert the USB Storage Device into the front of the GSI 304SD unit.
7. Using the arrow buttons, go to the Wrench and Gear Icon > System > Config > Export Config > Are You Sure You Want to Export Local Config (select yes). If this is successful, a window will appear that states "Export Success". The config will now be saved to the USB Storage Device.
8. Using the arrow buttons, go to the Wrench and Gear icon > "System > Upgrade".
9. Arrow down to "Upgrade" and select ENTER. If you see the message "No External Storage", reseat the USB Storage Device and try again. During the upgrade the LED's on the front of the unit will flash all at once for approximately 3 seconds and then go out. This pattern of flashes will repeat until the update is completed. The upgrade may take several minutes.
10. Once the upgrade has been completed, press EXIT on the remote until you see the unit restarting. At this point, the 304SD will restart automatically.
11. Once the system has restarted, go to System > Config > Import. Confirm the import and wait for the message stating "Import successful". Exit the system menus and the unit will need to restart once again.
12. Once the unit is restarted, check to ensure that all video channels are still functioning. To check the firmware version, use the arrow buttons and go to System > Upgrade and check the "Current Version".

If you need assistance, call Gatekeeper Systems Support, toll free at 1.888.666.4833

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