



## DBTools(3.0.0.3)-repair database

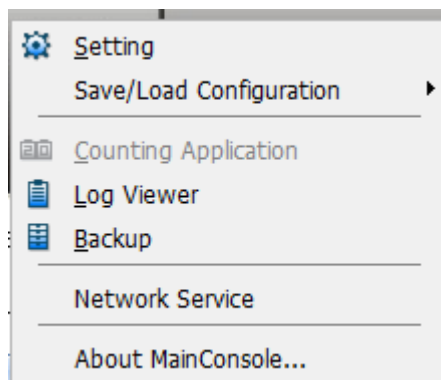
### When do I use the DB Tools to repair database?

- (1) If there are records in database, but no video file, use this DB Tools to delete records.
- (2) If there are video files but no record in database, use this DB Tools to rearrange the database and find these records.

### How do I operate DB Tools to repair database?

Please take actions as follows:

- (a) Turn off all IP CAM SECURE applications,
- (b) Please use DB Tools according to your product model.  
Please check your product model as follows :< Main Console>-<Config>-<About Main Console>



If your product model is IP Camera, please use **IP Cam Secure DB Tools**

If your product model is FCS-8004, please use **IP Cam Secure MPEG4 DB Tools**.

(c) Install DBTools.exe to the installed directory of IP Cam Secure and replace the original DBTools.exe.

For example: C:\Program Files\LevelOne\IPCamSecure

(d) The dialogue box of executing DBTools.exe will show "DBTools (SH Version3,0,0,3)." (Please refer to the following picture.)

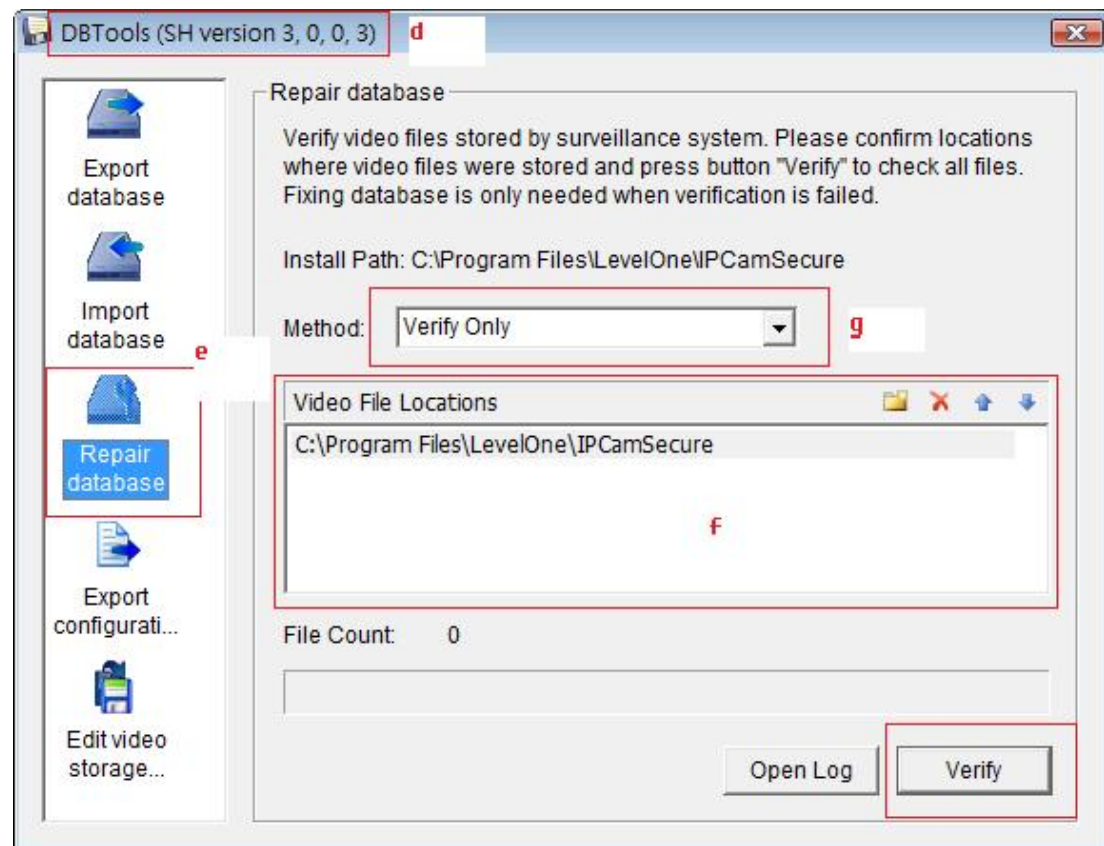
(e) Click the third icon of Repair database. (Please refer to the following picture.)

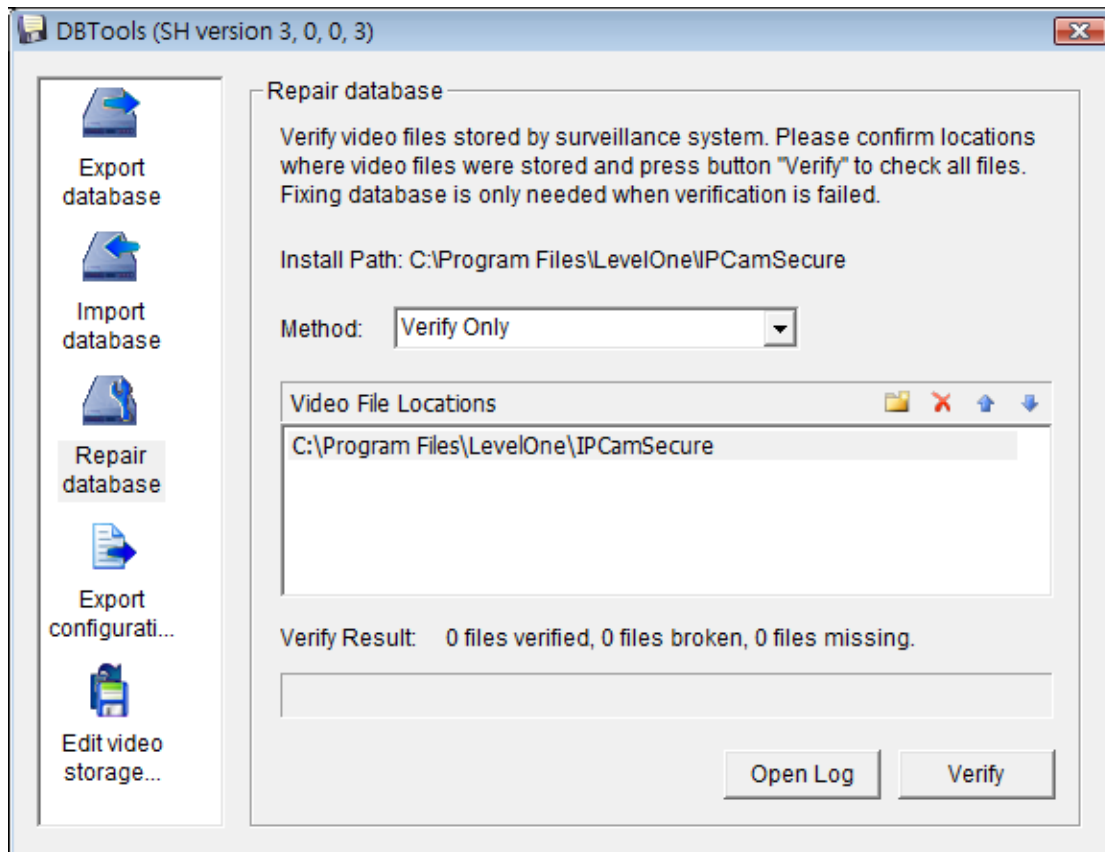
(f) Video File Locations are storage locations.

If the system recorded before, it would be showed on the dialogue box.

(g) Choose the method of "Verify Only", and click "Verify".

This action will check the accuracy of "FileRecord" and "SystemLog".



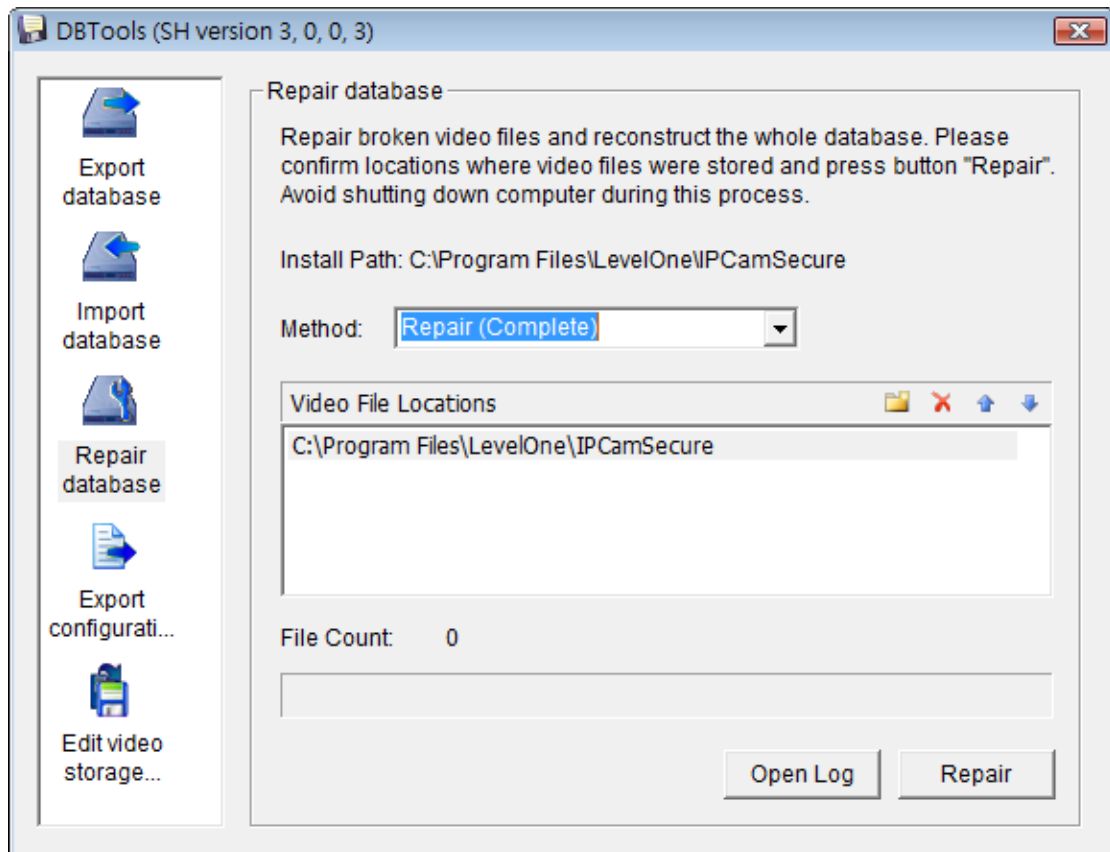


Note: the above picture is based on Software Compression version DBTools.

(h) Choose the method of "Repair(Complete)", and click "Repair".

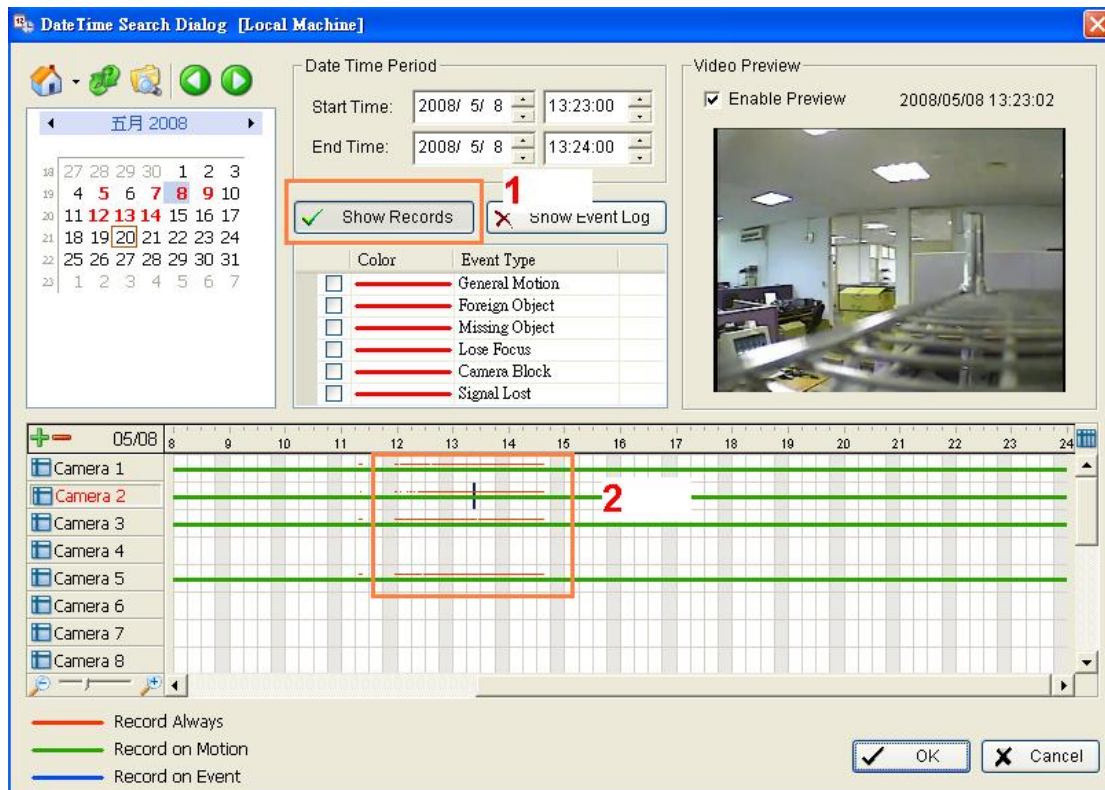
This action will rebuild "FileRecord.mdb" and "SystemLog.mdb".

The original file will be backup on the installed directory of IP Cam Secure. The name of files will be as "FileRecord.mdb\_20080520A200725" and "SystemLog.mdb\_20080520A200725"



(i) Please turn on the playback and open record.  
There will be several green lines in playback, and you have to click "Show Records" to see the real recorded files.

There is red thin line above the green line on the real recorded file.(Please refer to the following picture.)



The playback will be normal after repaired with DBTools.

**Note:**

- (1) Use DB Tools only when database broken, please don't use DB Tools when database is normal.
- (2) Please don't delete the recorded file manually or move out the recorded file to other folder manually.