Hash Shot User's Manual

Shooting/Saving

①　　　Create an album

②　　　Tap the camera icon in the hash shot. The hash value is calculated at the same time as the photo is taken,

The hash value is calculated as soon as the photo is taken, and is displayed in "Image data" for the photo, in "index" for the index photo, and in "All" for the hash value of the photo and the hash value generated during export.

The hash value of the photo and the "All Hash" (hash value of "index") generated at the time of export are stored in the "Hash List",

(All hash values cannot be deleted or edited. (All hash values cannot be deleted or edited.)

※The hash value of each photo and the hash value of "index" at the time of export are recorded in the "Hash List".

Please use these hash values with reference to the following (*1) method of proving data.

Exporting to the smartphone's internal storage

①　　　Tap the Export button and select the destination.

②　　　When exporting:

-　　　"Photo (Photo List)"

-　　　"Index (thumbnail images and hash values)"

-　　　"All Hash" (hash value of "index")

The three files are stored as a set in a single album.

③　The files can be copied or moved to other media from the destination.

About destination/export

If you shoot in the first album and then shoot in the second album, the hash value of the first album will be listed in the "Hash List" followed by the hash value of the second album, and then the exported "All Hash" will be listed in the "Hash List", so the "AII Hash" will be displayed back and forth in the "Hash List", so the "All Hash" will be listed in the "Hash List".　If the Delete Button is pressed before exporting, the entire album will be deleted, so the images will disappear and only the hash values will remain in the "Hash List". Deletion should be done after confirmation of export.

About Exporting

Please check the file manager before exporting to internal or external storage (PC, USB, Reader Writer + SD card, etc.).

If there is no "File Manager" at the export destination, please install "File Manager" from Google Store.

Also, please use Google drive, etc. for uploading to the cloud.

It is recommended that you create an album with the same name as the export destination and export it for your convenience.

Data Proof Method

As a non-tamper-evidence method from the hash shot user to the recipient of the data, the information in the index (all photos taken and their order) can be proven correct by showing the recipient that the "All Hash" (hash value of the index) in the album provided is the same as the hash value recorded in the "Hash List" in the application. This proves that the information in the index (all photos taken and the order in which they were taken) is correct.

(It is also possible to take a screenshot of the hash value recorded in the "Hash List" and include it in the provided album.)

If there is any doubt about the authenticity of a photo, we ask the supplier to calculate the hash value of the photo (*1) and compare it with the hash value recorded in the index to prove that the photo has not been tampered with.

※1　General hash value calculation tool (SHA25)

【App Version】
App version 1.0.2