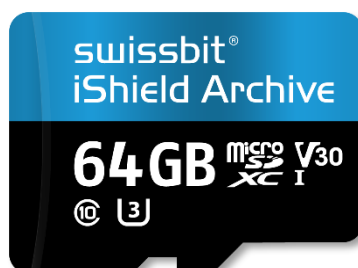# swissbit®

Made in Germany

iShield Archive: The easiest and most secure way to archive data

Reliable Encryption and Access Protection of Data

iShield Archive is specifically designed to encrypt and protect any data. The microSD card can be used with any camera type and model, such as drones, body cams, dashcams, surveillance cameras or camera traps.

The solution also includes the "iShield Archive Tool" (iAT) software.

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swissbit® iShield Archive
64 GB microSDXC V30 I
C10 U3

Made in Germany

Your Benefits

- Pluggable: Ideal for retrofitting existing systems

- Easy-to-use: Plug-and-play card for video recording systems without host modification

- Cost efficient: Integration of security solution without implementation effort

Key Facts

- microSD card: 16 GB, 32 GB, 64 GB

- High performance for full 4k recording

- Supports Session-based recording and Hidden Partition without host modification

- User-friendly "iAT – iShield Archive Tool"
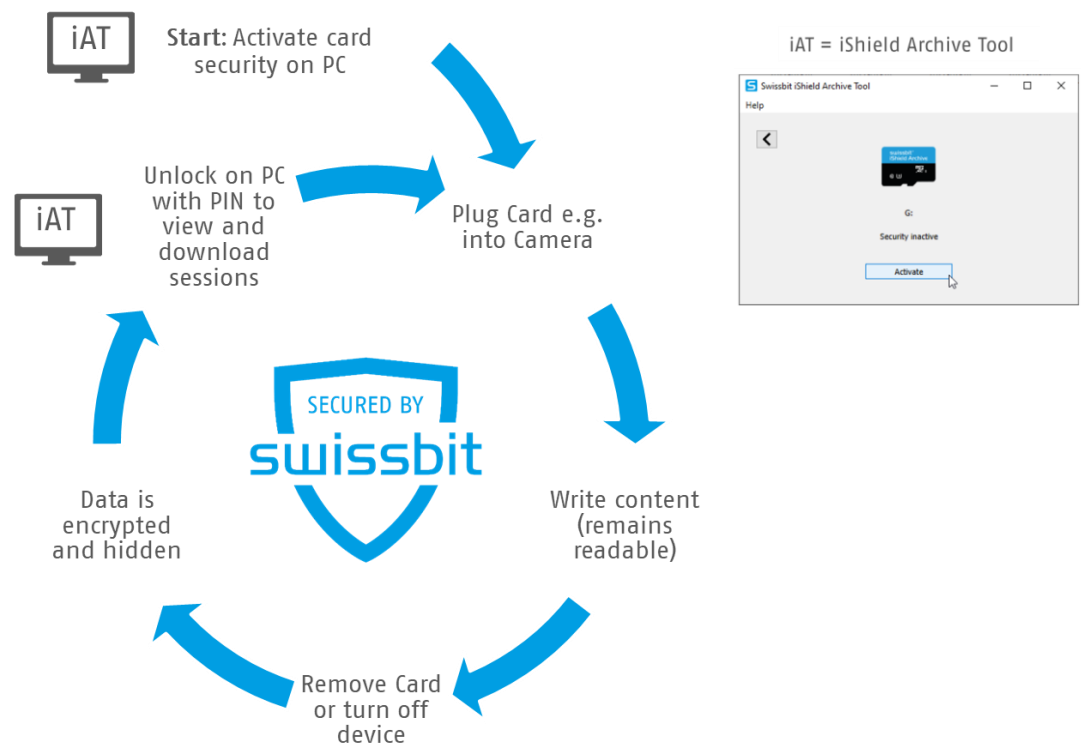
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iShield Archive

iShield Archive is specifically designed to encrypt and protect any data. The microSD card can be used with any camera type and model, such as drones, body cams, dashcams, surveillance cameras or camera traps. iShield Archive can also be used in WORM (write once, read many) mode with role-based access policy.

The card is set up on the computer using the associated "iShield Archive Tool" (iAT)

software. After the camera is turned off or the microSD is removed, the previously recorded data is no longer visible on iShield Archive and can only be read and downloaded via iAT and the correct password. This process can be repeated until the capacity of the card is reached.

When the card is full, the iShield Archive can be wiped using the correct password in order to free up storage capacity for re-use.

Function

iAT — **Start:** Activate card security on PC

Unlock on PC with PIN to view and download sessions

iAT

iAT = iShield Archive Tool

Plug Card e.g. into Camera

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Data is encrypted and hidden

Write content (remains readable)

Remove Card or turn off device

Features

- Capacities: 16 GB, 32 GB, 64 GB
- Form Factor: Standard microSD Memory card form factor – 15.0mm x 11.0mm x 0.7mm (1.0mm)
- Encryption: AES 256 bit
- High performance for full 4k recording: SD Default speed, SD High speed, SD UHS-I, Speed Class 10, Video Speed Class 30

- Endurance @ Max Capacity 64GB: 4000 TBW (TeraBytes Written) in sequential write workload; 550 TBW in 4k random write workload
- Data retention: 10 Years @ Life Begin / 1 Year @ Life End
- Industrial Temp: –40 to 85°C
- Comes with "iShield Archive Tool (iAT)"
- Windows 10/11, MacOS and Linux

08-2023

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Swissbit](#):

[SFSD016GN1PT1MT-I-5E-07P-SW6](#)   [SFSD032GN1PT1MT-I-6F-07P-SW6](#)   [SFSD064GN1PT1MT-I-7G-07P-SW6](#)