

Made in Germany

iShield Key 2: Next-Generation Authentication



The universal security key for digital and physical access

- **Less Hardware, Less Effort:** Combines FIDO2 and access control in a single device.
- **Secure Digital Login:** Replaces or enhances password security with FIDO2, PIV & OTP.
- **Physical Access Control:** Ideal for offices, data centers & secure areas.
- **Plug-and-Play:** Compatible with Google, Microsoft, AWS, and more.
- **Cost-Efficient:** Reduces maintenance and administration costs.
- **Robust & Simple:** High user acceptance, reliable security.



iShield Key 2 – The key to comprehensive security

The new **Swissbit iShield Key 2** combines digital and physical access control in a single device, enabling **efficient authentication** for IT systems, buildings, or secure printing solutions. As a hybrid key, it integrates seamlessly into daily workflows, supporting a comprehensive security approach.

Businesses can **instantly enhance their security level** while rolling out new features gradually. The iShield Key 2 is a **foundational element of a**

Zero Trust strategy, facilitating the implementation of **MFA** and **compliance with regulatory requirements such as NIS2, CRA, DORA, and the U.S. Executive Order** on cybersecurity.

With the MIFARE and FIPS variants, it sets new standards: It is the first FIDO security key to feature **MIFARE DESFire EV3** or a **FIPS 140-3 Level 3** certification – ensuring maximum security for demanding applications.

Technology & Features



Digital Authentication

- **Compatibility** with hundreds of services (Google, Microsoft, AWS etc.)
- **Multi-Protocol Support:**
 - **FIDO2** (passwordless login, phishing protection)
 - Storage of up to **300 passkeys**
 - **HOTP & TOTP** (One-Time Passwords)
 - **PIV** (smartcard functionality)

Access Control

- **MIFARE** (offers additional features such as payment, membership cards or digital tickets)
- Optional: **HID Seos, LEGIC advant/neon**

Certifications

- FIDO2-certified
- FIPS140-3 Level 3
- OpenSC compatibility
- Enterprise Attestation (optional)



Feature	iShield Key 2 FIDO2	iShield Key 2 Pro	iShield Key 2 FIDO2 MIFARE	iShield Key 2 Pro MIFARE	iShield Key 2 FIDO2 FIPS	iShield Key 2 Pro FIPS
FIDO2	✓	✓	✓	✓	✓	✓
PIV (Smartcard)		✓		✓		✓
OTP (HOTP, TOTP)		✓		✓		✓
300 Passkeys	✓	✓	✓	✓	✓	✓
MIFARE			✓	✓		
FIPS					✓	✓