

swissbit®

Product Fact Sheet

FIDO2 Hardware Authenticator

iShield FIDO2 USB-A / NFC Security Key

Extended Temperature Grade



Date: Jan. 09, 2023
Revision: 1.03



Product Features

- **Plug-and-Play:** Ready to use with hundreds of FIDO2/U2F enabled services (incl. Google, Microsoft, Salesforce, Amazon Web Services, and many more)
- **Mobile:** Touch-and-go authentication with NFC
- **Portable:** Slim and lightweight companion with key ring for everyday access wherever you need it
- **Flexibility:** Authenticate anywhere without power and network connectivity
- **Durability:** Fully molded, robust and waterproof housing
- **Security:** Uses public and private key cryptography
- **with additional support** of standards: HOTP & PIV
- **Made in Germany**

Ordering Information

Product Type	Product Series	Part Number	supported Standards / Features	
	USB-A / NFC	iShield FIDO2	SNU20000D1PBAN0-E-11-110-SB0	WebAuthn, FIDO2/CTAP2 Universal 2nd Factor (U2F) CTAP1,
	USB-A / NFC	iShield FIDO2	SNU20000D1PBAN0-E-01-111-SB1	WebAuthn, FIDO2/CTAP2 Universal 2nd Factor (U2F) CTAP1, HOTP (Event) Smartcard (PIV-compatible) OpenSC-compatible

Product Summary

Mechanical Details	Form Factor / Device Type
51.5 x 18.5 x 6mm Thermoplastic polyamide (PA) / matte finish Rear Touch sensor, keychain hole Water resistant, robust construction	CCID Smartcard, FIDO2 HID Device USB-A Device with NFC interface and multi-color LED
Operating Temperature Range	Certifications
Extended: -25 °C to 70 °C	FIDO2/CTAP2 Level 1 Certified Universal 2nd Factor (U2F) CTAP1 Certified Microsoft Certified
Platforms Supported	
Operating Systems: Browsers:	Windows 10/11, MacOS, iOS, Linux, Chrome, Android Firefox, MS Edge, Chrome, Apple Safari

Why Swissbit?

Swissbit strives to create innovative technologies for future market opportunities utilizing a highly skilled in-house research and development team. Swissbit maintains a marketing edge by continuing to manufacture world-class high quality memory and security products and providing customers with both high value and low cost of ownership achieved through efficient processes and procedures.