Product Specifications & Technical Details

Token2 - security is easy

T2KEN

swiss made software

Product Details

Token2 T2F2 FIDO2 and U2F Security Key

FIDO security keys are small USB dongles that enable secure login to websites and applications supporting FIDO2 WebAuthn and classic FIDO (U2F) standards.

Token2 T2F2 security key combines hardware-based authentication, public-key cryptography, HOTP, U2F, and FIDO2 protocols to protect your accounts. This type of security devices provides the highest level of multi-factor authentication of user accounts with Twitter, Facebook, Gmail, GitHub, Dropbox, Dashlane, Salesforce, Duo, Centrify and hundreds more HOTP, U2F, and FIDO2 compatible services. No additional tools or applications are required and the login process is simple and reliable. Just insert the Security Key into a USB-A slot and authenticate with a simple touch. We also sell a compact USB-A to Type-C adapter so you can use the same key with devices with USB-Type-C slots. The T2F2 security key does not require a battery nor network connectivity so it is always on and accessible.

Token2 T2F2 key is certified by the FIDO® Alliance (Level1 certification)

Specifications

Model Number	Token2 T2F2 (FIDO2.1PRE)

Button	Capacitive sensor-type integrated touch-button (in the center of the key)
Functions	FIDO U2F + FIDO2.1PRE + HOTP (HID Emulation)
Embedded security algorithm	ECDSA , SHA256, AES, HMAC, ECDH
Interface type	USB-A
Firmware	FIDO 2.1PRE $^{FT\,*}$
Maximum FIDO2.1 Resident keys	128
Lifetime	At least 10 years
Programming cycles	100,000 times
Communication protocol	CTAP2, HID
Management Tools	FIDO2.1 Manager or the fido2-manage command-line tool. **Note:** This key is not compatible with mobile companion apps.
Working voltage	5.0V DC
Input Currency	35mA
Power	0.18W
Working temperature	-10℃ - 50℃
Storage temperature	-20℃ - 70℃

The FIDO certification for this model is *derivative*, i.e. based on an existing model with additional changes in firmware

 * The firmware for this model is based on an existing one provided by a third party

Integration guides

[Using Your T2F2 Security Key with Google](#)

[Passwordless authentication in Azure AD with Token2 FIDO2 keys](#)

[FIDO U2F security key for Stripe](#)

[Using FIDO2 USB keys under Linux](#)

Operating Systems and Browsers Support

For detailed information on how FIDO2 authentication is supported across different operating systems and browsers, including specific considerations and limitations, please visit our comprehensive [guide](#)

Product Images

Summary

Model Number	T2F2
Certification	Level1
Form-factor	Plastic key USB-A
Functions	FIDO2.1PRE WebAuthN+CTAP
Additional features	HOTP
Dimensions	44×20×1 mm
Weight	6 gr
Programmable	no
Storage	passkeys: 128 HOTP: 1 TOTP: 0
Product ID	T2-39

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Product page

https://www.token2.com/shop/product/token2-t2f2-fido2-and-u2f-security-key

About Token2

Token2 is a cybersecurity company specialized in the area of multifactor authentication. Founded by a team of researchers and graduates from the University of Geneva with years of experience in the field of strong security and multifactor authentication, Token2 has invented, designed and developed various hardware and software solutions for user-friendly and secure authentication. Token2 is headquartered in Geneva, Switzerland

Token2 is a member of *FIDO Alliance* and *swiss made software* label

fido ALLIANCE | simpler stronger authentication

swiss made software

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