

# Product Specifications & Technical Details

**Token2 - security is easy**



# Product Details



## Token2 T2F2-PIN+/Dual Release2 FIDO2, U2F and TOTP Dual-Port NFC Security Key with PIN complexity feature

T2F2-PIN+/Dual Release2 is an NFC-enabled FIDO2 Security key with both USB-A and USB-TypeC port, featuring PIN complexity at the firmware level. Having an NFC chip onboard allows using this FIDO2 key with modern iPhones natively, directly in the browser (starting from iOS 13.3) as well as Android devices with NFC. This model features a capacitive sensor-type integrated touch-button and is only 6 mm thick. With Release 2 of our PIN+ Series, you can now store up to 300 passkeys (also known as resident keys or discoverable credentials) on a single device.

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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-PIN+ security key combines hardware-based authentication, public-key cryptography, TOTP/HOTP, U2F, and FIDO2 protocols to protect your accounts. This type of security devices provides the highest level of multifactor 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 slot and authenticate with a simple touch. The security key does not require a battery nor network connectivity - it is always on and accessible.

## Specifications

Model Number	Token2 T2F2-PIN+
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Button	2 x capacitive interface buttons (one on each side)
Functions	FIDO U2F + FIDO2.1 WebAuthn + HOTP (HID) + TOTP (with a <a href="#">companion app</a> )
Embedded security algorithm	ECDSA , SHA256, AES, HMAC, ECDH
SSH with FIDO Support	ecdsa-sk & ed25519-sk
Interface type	NFC, USB-A and USB-TypeC
Firmware	FIDO 2.1 <sup>Token2</sup> <a href="#">PIN complexity enforcement</a>
Maximum FIDO2.1 Resident keys	300
Maximum OTP profiles	50 TOTP/HOTP via the app + 1 HOTP via HID
Lifetime	At least 10 years
Programming cycles	100,000 times
Communication protocol	CTAP2, HID, NFC
Working voltage	5.0V DC
Input Current	35mA
Power	0.18W
Working temperature	-10°C - 50°C
Dimensions	42.1 mm x 17 mm x 6 mm
Storage temperature	-20°C - 70°C

## Enhanced Water Resistance

This model is featuring a specialized PCB (Printed Circuit Board) coating for enhanced water resistance. This protective coating ensures durability against water ingress, safeguarding your data in any environment.

## TOTP Feature

T2F2-PIN+ Security key can securely store the secrets for your TOTP profiles, but requires a [companion app](#) (available for Android, iPhone and Windows as well as a cross-platform Python tool allowing to run the companion app under Linux, macOS and similar systems) to generate the OTPs.

# iOS Support

[Native support of NFC FIDO2 Keys in iPhone Safari](#)

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## 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](#)

[read more](#)

## Product Images



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## Summary

<b>Model Number</b>	T2F2-PIN+/Dual Release2
<b>Form-factor</b>	Plastic case USB-A,USB-Type-C,NFC
<b>Functions</b>	PIN+ & FIDO2.1 WebAuthN+CTAP
<b>Dimensions</b>	30×18×6 <small>(without USB connectors)</small> mm
<b>Weight</b>	10 gr
<b>Programmable</b>	yes
<b>Storage</b>	passkeys: 300 HOTP: 1 TOTP: 50
<b>Product ID</b>	T2-95

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## Product page

<https://www.token2.com/shop/product/token2-t2f2-pin-dual-release2-fido2-u2f-and-totp-dual-port-nfc-security-key-with-pin-complexity-feature>



## 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



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