

# Product Specifications & Technical Details

**Token2 - security is easy**



# Product Details



## T2F2-PIN+ Release3 TypeC

The T2F2-PIN+ Release3 TypeC is an NFC-enabled FIDO2 Security key with a USB Type-C port, featuring advanced PIN complexity at the firmware level. With an NFC chip onboard, this FIDO2 key can be used natively on modern iPhones (starting from iOS 13.3) and on Android devices with NFC support. This model includes a capacitive sensor-type integrated touch-button and is only 6 mm thick.

## What's New in Release3

- **OpenPGP Applet:** Release3 introduces an OpenPGP applet, adding compatibility with [OpenPGP software](#) for secure digital signing, encryption, and authentication.
- **iOS Management via USB-C:** For the first time, users can manage passkeys and set PINs on iOS via USB-C, enabling full management on devices like modern iPads that lack NFC functionality. Previous versions and all competitor keys allow only authentication over USB under iOS, but not key management.

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## FIDO Security Keys

FIDO security keys are small USB dongles that enable secure login to websites and applications supporting FIDO2 WebAuthn and classic FIDO (U2F) standards. With Release3 of our PIN+ Series, you can now store up to 300 passkeys (also known as resident keys or discoverable credentials) on a single device.

The T2F2-PIN+ Release3 TypeC combines hardware-based authentication, public-key cryptography, TOTP/HOTP, U2F, and FIDO2 protocols to protect your accounts.

This device provides the highest level of multifactor authentication for user accounts with platforms such as 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; simply insert the Security Key into a USB-TypeC 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+ Release3 TypeC
Button	Capacitive interface button
Functions	FIDO U2F + FIDO2.1 WebAuthn + HOTP (HID) + TOTP (with a <a href="#">companion app</a> )
OpenPGP	RSA2048 ECC: secp256r1, secp256k1, secp384r1, secp521r1 User Interaction Flags (UIF): not supported Curve25519: not supported
Embedded Security Algorithm	ECDSA, SHA256, AES, HMAC, ECDH
SSH with FIDO Support	ecdsa-sk & ed25519-sk
Interface Type	NFC, USB Type-C
Firmware	FIDO 2.1 <sup>Token2</sup> <a href="#">PIN complexity enforcement</a>
Maximum FIDO2.1 Resident Keys	<b>300</b>
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 features a specialized PCB (Printed Circuit Board) coating for enhanced water resistance, ensuring durability against water ingress and safeguarding your data in any environment.

## TOTP Feature

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

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## 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,

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please visit our comprehensive [guide](#)

[read more](#)

## Product Images



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## Summary

<b>Model Number</b>	T2F2-PIN+/TypeC Release3
<b>Form-factor</b>	Plastic case USB-C,NFC
<b>Functions</b>	PIN+ FIDO2.1 WebAuthN+CTAP <a href="#">OpenPGP</a>
<b>Dimensions</b>	42×17×6 mm
<b>Weight</b>	5 gr
<b>Programmable</b>	yes
<b>Storage</b>	passkeys: 300 HOTP: 1 TOTP: 50
<b>Product ID</b>	T2-102

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## Product page

<https://www.token2.com/shop/product/t2f2-pin-release3-typec>



## 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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