

# Product Specifications & Technical Details

**Token2 - security is easy**



# Product Details



## PIN+ Mini-C Release3.1 FIDO2, U2F and TOTP Security Key with PIN complexity

The PIN+ MiniC is a miniature FIDO2 Security key with a USB Type-C port, featuring advanced PIN complexity at the firmware. The device is small enough to be constantly plugged in, however it can be carried as well due to a keyring hole on the casing. This device runs Release 3.1 of our firmware.

## What's New in Release3.1

- **OpenPGP Applet:** Release3.1 introduces an OpenPGP applet, adding compatibility with [OpenPGP software](#) for secure digital signing, encryption, and authentication. Different from Release3, the OpenPGP applet in Release3.1 firmware features RSA4096, ed25519, x25519 algorithms and the UIF functionality

## 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 PIN+ MiniC 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                  | PIN+ MiniC   |
| Button                        | Capacitive interface button  |
| Functions                     | FIDO U2F + FIDO2.1 WebAuthn + HOTP (HID) + TOTP (with a <a href="#">companion app</a> )                                    |
| OpenPGP                       | RSA2048, RSA3072, RSA4096<br>secp256r1, secp256k1, secp384r1, secp521r1<br>ed25519, x25519<br>User Interaction Flags (UIF) |
| Embedded Security Algorithm   | ECDSA, SHA256, AES, HMAC, ECDH   |
| SSH with FIDO Support         | ecdsa-sk & ed25519-sk  |
| Interface Type                | USB Type-C   |
| Firmware                      | FIDO 2.1 <sup>Token2</sup><br><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        | CTAP2.1, HID   |
| Working Voltage               | 5.0V DC  |
| Input Current                 | 35mA   |
| Power                         | 0.18W  |
| Working Temperature           | -10°C - 50°C   |
| Dimensions                    | 24 mm x 15 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

This 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.

## Product Images



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## Summary

|                      |  |
|----------------------|--|
| <b>Model Number</b>  | PIN+ Mini-C R3.1   |
| <b>Certification</b> | Level1, Level2   |
| <b>Form-factor</b>   | USB-C  |
| <b>Functions</b>     | PIN+ FIDO2.1<br>WebAuthN+CTAP<br><a href="#">OpenPGP</a> |
| <b>AAGUID</b>        | eabb46cc-e241-80bf-ae9e-96fa6d2975cf                     |
| <b>Dimensions</b>    | 24x15x6 mm   |
| <b>Weight</b>        | 10 gr  |
| <b>Programmable</b>  | yes  |
| <b>Product ID</b>    | T2-109   |

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## Product page

<https://www.token2.com/shop/product/pin-mini-c-release3-1-fido2-u2f-and-totp-security-key-with-pin-complexity>



## 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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