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PIN+ Mini-C Release3.4 FIDO2, U2F, PGP, PIV and TOTP Security Key with PIN complexity

Part no: PINPlusMiniC3.4 · T2-128





Description

The PIN+ MiniC is a miniature FIDO2 security key with a USB Type-C connector and advanced PIN complexity enforcement at the firmware level. It is designed to remain plugged into a desktop system for convenient, everyday use. Its stainless steel casing and keyring hole allow it to be carried when needed, though its form factor may not be ideal for use with mobile phones, particularly those fitted with protective cases that may obstruct access to the USB-C port. This device runs Release 3.4 of our firmware.

What's New in Release 3.4

Release 3.4 builds on the functionality introduced in Release 3.3 and adds the following:

- **PIV applet:** smart card logon, certificate-based authentication, document signing and encryption, compliant with NIST SP 800-73-5 and supporting RSA2048, RSA3072 and RSA4096 keys.
- **Advanced OTP Security:** OTP profiles can be protected with a password, with a security lockout after 100 failed attempts and a 5-minute authenticated OTP session.
- **FIDO2 enhancements:** up to 300 passkeys, FIDO2 management via USB on iOS, and *always_uv* enabled by default.
- **Optimized Stability:** improved USB-C compatibility for certain devices and added high-voltage protection for docking stations.
- **OpenPGP applet:** continues to support RSA2048/3072/4096, secp256r1, secp256k1, secp384r1, secp521r1, ed25519 and x25519, with User Interaction Flags (UIF) and KDF, and better integration with OpenPGP software.

FIDO Security Keys

FIDO security keys are compact USB devices that enable secure login to websites and applications supporting FIDO2 WebAuthn and classic FIDO (U2F) standards. With Release 3.4 of our PIN+ Series, you can 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, FIDO2, PIV and OpenPGP to safeguard your accounts. This device delivers the highest level of multifactor authentication for user accounts with platforms such as Microsoft Entra ID, Google, GitHub, Dropbox, Salesforce, Duo, and hundreds of other HOTP, U2F, and FIDO2 compatible services. No additional tools or applications are required; simply insert the security key into a USB Type-C port and authenticate with a simple touch. The security key does not require a battery or network connectivity – it is always on and ready.

Stainless Steel Casing

The Release 3.4 mini keys feature a stainless steel casing for improved durability. Vertical grips on the sides make plug-in and plug-out easier, while a small 1.8 mm ring allows attachment of thinner rings or rope loops. The PCB coating continues to provide enhanced water resistance, 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. With Release 3.4, OTP profiles can additionally be protected with a password; after authenticating, OTPs can be generated for 5 minutes before the password is required again.

PIV and OpenPGP

The PIV and OpenPGP applets are enabled by default and are accessed over CCID. While either applet is enabled, the key's LED may stay lit constantly – this is normal CCID behaviour and does not indicate a fault. Either applet can be disabled with the management tools if not needed.

Disclaimer: Visuals are for illustration only. Actual product, colors, or features may vary.

Specifications

GENERAL	
Form factor	Mini (USB-C)
Interface	USB-C
CONNECTIVITY	
USB-A	No
USB-C	Yes
NFC	No
Smart card	No
OTP	

OTP protocols	TOTP, HOTP; with password protection
TOTP	Yes
HOTP	Yes
OTP Profiles	50
FIDO	
U2F	Yes
FIDO certification	L2
Minimum PIN policy	6 digits, complexity enforced
OpenPGP support	Yes
Biometric	No
Number of Passkeys	300
AAGUID	eabb46cc-e241-80bf-ae9e-96fa6d2975cf
DIMENSIONS	
Dimensions	24×15×6