TOKEN2 Sàrl
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PIN+ Release3.3 TypeC with FIDO2.1, U2F, TOTP, HOTP, PIV and OpenPGP

Part no: T2F2PINPlusRel3.3PIVTypeC · T2-102

Description

The PIN+ Release3.3 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.

Firmware 3.3 Release

Version 3.3 adds PIV functionality to existing features.

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 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+ Release3.3 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 PIN+ Release3.3 TypeC
Button	Capacitive interface button
Functions	FIDO U2F + FIDO2.1 WebAuthn + HOTP (HID) + TOTP (with a companion app)
OpenPGP	RSA2048, RSA3072, RSA4096 secp256r1, secp256k1, secp384r1, secp521r1 ed25519, x25519 User Interaction Flags (UIF), Key Derived Function (KDF)
Embedded Security Algorithm	ECDSA, SHA256, AES, HMAC, ECDH
SSH with FIDO Support	ecdsa-sk & ed25519-sk
Interface Type	NFC, USB Type-C
Included Accessories	**Leather protective case**
Firmware	FIDO 2.1 Token2 PIN complexity enforcement
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	CTAP2.1, HID, NFC
Working Voltage	5.0V DC
Input Current	35mA
Power	0.18W
Working Temperature	-10℃ - 50℃
Dimensions	42.1 mm x 17 mm x 6 mm
Storage Temperature	-20℃ - 70℃

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 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

Integration Guides

Using Your Token2 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

Specifications

GENERAL	
Form factor	Plastic case
Interface	USB-C, NFC
CONNECTIVITY	
USB-C	Yes
NFC	Yes
OTP	
OTP protocols	TOTP, HOTP
TOTP	Yes
HOTP	Yes
FIDO	
U2F	Yes
FIDO certification	L2

Minimum PIN policy	6 digits, complexity enforced
OpenPGP support	Yes
PIV support	Yes
DIMENSIONS	
Dimensions	42×17×6