TOKEN2 Sàrl
Geneva, Switzerland
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PIN+ Dual Release3.3 - FIDO2.1 Key with PIV, OpenPGP and OTP and Dual USB Ports

Part no: T2F2PINPlusDualR3.3PIV · T2-108

Description

The T2F2-PIN+/Dual Release3.3 is an NFC-enabled FIDO2 Security key with both USB-A and USB-TypeC ports, 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 3 of our PIN+ Series, you can now store up to 300 passkeys (also known as resident keys or discoverable credentials) on a single device.

Firmware 3.3 Release

Version 3.3 adds PIV functionality to existing features.

FIDO security keys are small USB dongles that enable secure login to websites and applications supporting FIDO2 WebAuthn and classic FIDO (U2F) standards.

Manage Passkeys on Your Platform

Passkeys and fingerprint credentials can be managed across multiple platforms:

- **Windows**: using built-in OS tools or our *FIDO2.1 Manager*
- **macOS**: via the *fido2-manage.dmg* installer or Chromium's security key management tool
- **Android** & **iOS**: through the *Token2 Companion App*

- **Linux**: using the open-source *Companion (Rust Edition)* (keyroost-based, available as an AppImage or compilable from source code), or the open-source *fido2-manage* tool (compilable from source code)

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 device provides the highest level of multifactor authentication for 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 PIN+ Dual R3.3
Button	2 x capacitive interface buttons (one on each side)
Functions	FIDO U2F + FIDO2.1 WebAuthn/CTAP + PIV + OpenPGP + HOTP (HID) + TOTP (with a companion app)
Embedded security algorithm	ECDSA, SHA256, AES, HMAC, ECDH
OpenPGP	RSA2048, RSA3072, RSA4096 secp256r1, secp256k1, secp384r1, secp521r1 ed25519, x25519 User Interaction Flags (UIF), Key Derived Function (KDF)
SSH with FIDO Support	ecdsa-sk & ed25519-sk
Interface type	NFC, USB-A and USB-TypeC
Included Accessories	**Polyurethane 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. 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 it to run under Linux, macOS, and similar systems) to generate the OTPs.

Integration Guides

Native support of NFC FIDO2 Keys in iPhone Safari

Using Your T2F2 Security Key with Google

Passwordless authentication in Azure AD with Token2 FIDO2 keys

Using FIDO2 USB keys under Linux

Leather Case for Lasting Protection

A durable polyurethane leather case protects the device from scratches, impacts, and dirt, helping extend the key's lifespan. *Included at no extra cost.*

Customizable Non-Branded Version

This product is also available in a non-branded, customizable version. It comes without a logo and individual packaging, making it ideal for personalization. Custom laser engraving is available for this model—using UV laser technology, we can add your logo or design on one side of the key *.
Contact us to get started with custom laser engraving!

* minimum order quantity and customization fees apply

Specifications

GENERAL	
Form factor	Plastic case
Interface	USB-A, USB-C, NFC
CONNECTIVITY	
USB-A	Yes

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	30×18×6