ePass FIDO-NFC Plus

FIDO U2F and FIDO2
Certified Security Key

One device supports multiple services.

**Site Specific Keys. Secrets are not shared
among service providers.**

No phishing or man-in-the-middle.

**Supports Chrome OS, Windows, macOS, Linux.
Identified as a USB HID device.**

Fits nicely on a key-chain.

FEITIAN
WE BUILD SECURITY

The ePass FIDO Plus Security Key is a security device that provides a full range of security features. With multiple authentication application integrated inside the security key, the user can use the ePass FIDO-NFC Plus security key with different kinds of scenarios with strong security. The supported security protocols are:

FIDO Authentication (FIDO U2F + FIDO2)
The FIDO application inside ePass FIDO-NFC Plus Security Key is both FIDO2 and FIDO U2F certified, and is verified by Microsoft Azure. By using the FIDO function, users are able to achieve passwordless authentication and strong second factor authentication at the same time.

OATH OTP (HOTP + TOTP + Static Password)
The ePass FIDO have embedded OATH OTP functions for traditional 2FA authentication. With the FEITIAN Authenticator APP, users can use the ePass FIDO Plus Security Key to store 2FA credentials securely.

PIV Smartcard
The PIV smartcard function inside the ePass FIDO-NFC Plus Security Key provides a strong PKI based authentication scheme that can be used for smartcard logon, document signing and other PKI related operations. The function have already been tested and verified by Versasec and Secmaker.

OPEN PGP
The OPEN PGP application inside the security key adds a strong cryptography protection layer for your email with digital signing and encryption capabilities.

The ePass FIDO-NFC Plus Security Key has both USB-C and NFC communication protocols which enable the key to be used for both PC and mobile devices. The high-performance NXP security element provides you with trusted security.

Specifications

Supported Operating Systems	**Windows, Linux, Mac OS, Android, iOS**	Communication Protocol	**USB CCID, USB HID, ISO 14443**
Certifications	**FIDO2/U2F Certified, FIPS 140-2 Level 3 and Common Criteria EAL 5+ for platform**	Working Voltage	**5.0V**
		Working Current	**19mA**
Embedded Security Algorithm	**ECC P256, RSA 1024/2048, SHA1, SHA256, 3DES, AES**	Power	**0.09W**
		Working Temperature	**-10°C ~ 60°C**
Size	**43.85 × 20.85 × 3.3 mm**	Storage Temperature	**-20°C ~ 75°C**
Color	**Black**	Button	**Touching type**
Interface Type	**USB, NFC**	Indicator	**Green LED light**
Data Storage Life	**At least 10 years**	Case Material	**ABS, Calcium carbonate**
Programming Cycles	**100,000 times**	Construction Type	**In mold injection**
Max Number of Keys	**No limit**		