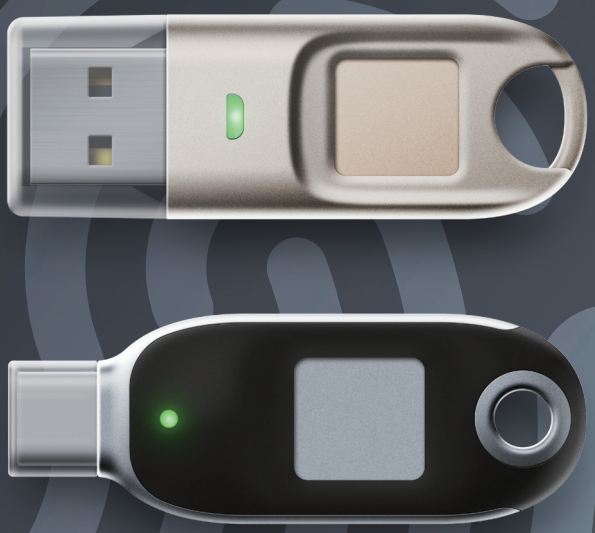
BioPass FIDO2

FIDO2 Certified Biometric Security Key



fido CERTIFIED FIDO2

Member of Microsoft Intelligent Security Association

Microsoft

fido ALLIANCE MEMBER

FEITIAN WE BUILD SECURITY

FEITIAN BioPass FIDO2 Security Key is built on FIDO2 specification which is issued and promoted by FIDO Alliance to drive and enable a real passwordless multi-factor authentication. For enterprises who use passwords today and have a shared PC environment, security keys for Windows Hello provide a more seamless way for employees to authenticate without entering a username or password. To provide wider use cases, FEITIAN BioPass FIDO2 is also compatible with FIDO U2F for web applications like Google, Salesforce etc.

Unlike passwords, using FEITIAN BioPass FIDO2 Security Key brings lower IT management costs, provides improved productivity, and enhanced security and privacy for both employees and employers. With a simple touch, the built-in sensor quickly verifies your fingerprint and automatically unlocks your device, allowing easy access to information stored on your device.

The embedded security chip of FEITIAN BioPass FIDO2 Security Key includes an advanced security architecture which was designed and developed to encrypt, store and protect your fingerprint data. Once enrolled, your fingerprint data is used only to verify that it matches the enrolled fingerprint data. It isn't possible for someone to reverse engineer your actual fingerprint image from this stored data.

Biometric Enrollment:

Find "BioPass FIDO2 Manager" at:

* Linux Available at: <https://ftsafe.com/Support/Resources>

For more details, please find us on youtube:

https://youtu.be/bgyNfUawXJo

Specifications

Standard	**FIDO U2F, FIDO2**
Security Algorithms	**ECDSA, SHA256, AES, HMAC, ECDH**
Interface	**USB Type-A or USB Type-C**
Communication Protocol	**CTAPHID**
Input Voltage	**5.0V**
Input Current	**Standby: 34 mA** **Peak: 44 mA**
Power	**Standby: 0.17W** **Peak: 0.22W**

Working Temperature	**-10°C ~ 50°C (14°F ~ 122°F)**
Storage Temperature	**-20°C ~ 70°C (-4°F ~ 158°F)**
LED Indicator	**Green LED, Red LED**
Casing Material	**Zinc Alloy and Plastic (PC+ABS)**
Dimensions	**K27:** **51 × 18 × 6.5 mm** **K26 (USB Type-C):** **50.9 × 18.5 × 7 mm**

Fingerprint Sensor	**FPC Fingerprint Sensor**
Resolution	**160 × 180 pixel**
Definition	**508 DPI**
Sensor Service Life	**Over 200,000 times**
Autonomic Learning	**Yes**
False Accept Rate	**<0.001%**
False Reject Rate	**<1%**
Recognition Time	**<0.6 sec**
Acquisition Time	**<180ms**