



# THE DATASHEET OF K26



# BioPass FIDO2

FIDO2 Certified  
Biometric  
Security Key



Member of  
Microsoft Intelligent  
Security Association  


**fido**<sup>™</sup>  
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	<b>FIDO U2F, FIDO2</b>	Working Temperature	<b>-10°C ~ 50°C (14°F ~ 122°C)</b>	Fingerprint Sensor	<b>FPC Fingerprint Sensor</b>
Security Algorithms	<b>ECDSA, SHA256, AES, HMAC, ECDH</b>	Storage Temperature	<b>-20°C ~ 70°C (-4°F ~ 158°C)</b>	Resolution	<b>160 × 180 pixel</b>
Interface	<b>USB Type-A or USB Type-C</b>	LED Indicator	<b>Green LED, Red LED</b>	Definition	<b>508 DPI</b>
Communication Protocol	<b>CTAPHID</b>	Casing Material	<b>Zinc Alloy and Plastic (PC+ABS)</b>	Sensor Service Life	<b>Over 200,000 times</b>
Input Voltage	<b>5.0V</b>	Dimensions	<b>K27: 51 × 18 × 6.5 mm K26 (USB Type-C): 50.9 × 18.5 × 7 mm</b>	Autonomic Learning	<b>Yes</b>
Input Current	<b>Standby: 34 mA Peak: 44 mA</b>			False Accept Rate	<b>&lt;0.001%</b>
Power	<b>Standby: 0.17W Peak: 0.22W</b>			False Reject Rate	<b>&lt;1%</b>
				Recognition Time	<b>&lt;0.6 sec</b>
				Acquisition Time	<b>&lt;180ms</b>

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