



Security Key for Windows Hello

BioPass FID02

Security Key

Introduction

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.

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.

Download **BioPass FIDO2 Manager** from the Microsoft Store and start a safer and easier passwordless authentication experience.

For more detail, please see introductory video:

<https://youtu.be/bgyNfUawXJo>



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Specification

Standard	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°C)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°C)
Fingerprint Sensor	FPC Fingerprint Sensor
LED Indicator	Green LED, Red LED
Casing Material	Zinc Alloy and Plastic (PC+ABS)
Dimensions	K24: 42.3 × 20.8 × 4.5 mm K27: 51 × 18 × 6.5 mm K26 (USB Type-C): 50.9 × 18.5 × 7 mm

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



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