

FeiTian BioPass FIDO2 K27

FeiTian BioPass FIDO2 Security Key User Manual

Model: BioPass FIDO2 K27

1. INTRODUCTION

The FeiTian BioPass FIDO2 Security Key is a hardware security device designed to provide robust two-factor authentication (2FA) and passwordless login capabilities. Utilizing biometric fingerprint authentication, it enhances the security of your online accounts and data, protecting against unauthorized access and phishing attacks. This manual provides essential information for setting up, operating, and maintaining your BioPass FIDO2 Security Key.

2. PRODUCT OVERVIEW

Key Features

- First FIDO2 security key with biometric authentication (fingerprint)
- Fingerprint data is stored and matched inside the key module and will never be revealed
- The fingerprint registering application can be downloaded from Feitian's Official Website
- Supports FIDO2 (WebAuthn and CTAP)
- Now also supports FIDO2 and FIDO U2F

Package Contents

- FeiTian BioPass FIDO2 Security Key

Physical Description

The FeiTian BioPass FIDO2 Security Key features a durable metal case with both USB-A and USB-C connectivity options. It integrates a fingerprint sensor for biometric authentication.



Image 1: Top-down view of the FeiTian BioPass FIDO2 Security Key, showing the USB-A connector on the left and the rectangular fingerprint sensor on the right, with a small indicator light in between.



Image 2: Top-down view of the FeiTian BioPass FIDO2 Security Key, similar to Image 1, but with the small indicator light illuminated in green, indicating activity or readiness.

3. SETUP

System Requirements

- Operating System: Windows Desktop (compatible with FIDO2 standards)
- Browser: Any FIDO2-compatible web browser (e.g., Chrome, Edge, Firefox, Safari)
- USB Port: Available USB-A or USB-C port

Initial Setup and Fingerprint Enrollment

1. **Download Enrollment Software:** Visit the official FeiTian website (www.ftsafe.com) and download the BioPass FIDO2 fingerprint enrollment application.
2. **Install Software:** Run the downloaded installer and follow the on-screen instructions to install the application on your Windows desktop.
3. **Connect Security Key:** Insert the FeiTian BioPass FIDO2 Security Key into an available USB-A or USB-C port on your computer.
4. **Launch Enrollment Application:** Open the FeiTian fingerprint enrollment application.
5. **Enroll Fingerprints:** Follow the application's prompts to register your fingerprints. You will typically be asked to place your finger on the sensor multiple times from different angles to ensure accurate recognition. It is recommended to enroll multiple fingers for convenience and backup.
6. **Complete Setup:** Once all desired fingerprints are enrolled, close the application. Your security key is now ready for use with FIDO2 and U2F compatible services.

4. OPERATING

Using the Security Key for Authentication

The FeiTian BioPass FIDO2 Security Key can be used for two primary authentication methods: FIDO2 (WebAuthn/CTAP) for passwordless or second-factor authentication, and FIDO U2F for traditional second-factor authentication.

- **For FIDO2/WebAuthn:** When prompted by a website or service to use your security key, insert the key into your computer's USB port. The website will then instruct you to touch the fingerprint sensor on the key. Upon successful fingerprint verification, you will be authenticated.
- **For FIDO U2F:** During a login process that requires U2F, after entering your username and password, you will be prompted to insert and touch your security key. Insert the key and touch the fingerprint sensor to complete the authentication.

Fingerprint Verification

The built-in sensor quickly verifies your fingerprint. Ensure your finger covers the entire sensor area for optimal recognition. The embedded security chip encrypts, stores, and protects your fingerprint data, ensuring it never leaves the secure element of the key.

5. MAINTENANCE

To ensure the longevity and optimal performance of your FeiTian BioPass FIDO2 Security Key, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the fingerprint sensor and the key's body with a soft, dry, lint-free cloth. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the device.

- **Storage:** Store the key in a clean, dry environment away from extreme temperatures, direct sunlight, and strong magnetic fields.
- **Protection:** While the key is designed to be durable, avoid dropping it or subjecting it to severe impacts. Keep the USB connectors free from dust and debris.

6. TROUBLESHOOTING

If you encounter issues with your FeiTian BioPass FIDO2 Security Key, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Key not recognized by computer.	Loose connection, faulty USB port, driver issue.	Ensure key is fully inserted. Try a different USB port. Restart your computer. Check device manager for driver issues.
Fingerprint not recognized.	Improper finger placement, dirty sensor, un-enrolled fingerprint.	Ensure your finger covers the entire sensor. Clean the sensor. Re-enroll your fingerprint if necessary, or try an enrolled alternative finger.
Cannot log in to a service.	Service not configured for FIDO2/U2F, network issue, incorrect key.	Verify the service supports FIDO2/U2F. Check your internet connection. Ensure you are using the correct security key for that account.
Enrollment software not launching.	Software installation issue, system conflict.	Reinstall the enrollment software. Ensure your operating system is up to date.

7. SPECIFICATIONS

Feature	Detail
Model Number	BioPass FIDO2 K27
Dimensions	5.08 x 1.8 x 0.66 cm
Weight	12 g
Hardware Interface	USB (USB-A & USB-C compatible)
Compatible Devices	Desktop computers
Authentication Method	Biometric (Fingerprint)
Supported Standards	FIDO2 (WebAuthn, CTAP), FIDO U2F
Case Material	Metal

8. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, and frequently asked questions, please visit the official

FeiTian website or contact their customer service department. Details can typically be found in the support section of their website.

FeiTian Official Website: www.ftsafe.com

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question