Feitian FIDO2 Biometric USB token

The BioPass security key from Feitian follows the FIDO2.0 authentication specification. It stores your fingerprint data in a compact USB token in a way that cannot be reverse engineered from the stored data.

FIDO2 Biometric USB tokens provide touch and go, passwordless device unlocking, with a robust, all metal device. They are recommended by Microsoft as the security key for Windows Hello, in Windows 10 and Azure deployments.

The compact USB token contains a fingerprint sensor and an LED to indicate verification success or failure. This model, with the manufacturer part number K45, can be plugged into any USB-A interface, the original USB format. (It is a replacement for the earlier K27 model.)

Users manage fingerprint, PIN or resets through Feitian's (free) BioPass FIDO2 manager software or BioPass FIDO2 Manager App. Each FIDO2 Biometric USB token can store up to 50 fingerprints.

Feitian FIDO2.0 compliant BioPass security key provides strong authentication for all compatible web service and PC logon applications.

To buy, visit:
https://www.smartcardfocus.com/shop/ilp/id~857/feitian-fido2-biometric-usb-token/p/index.shtml

This Product Briefing has been produced by Dot Origin Ltd, the smart card experts behind SmartcardFocus.com. If you have a query email sales@smartcardfocus.com or call us on +44 (0)1428 685250.

Feitian FIDO2 Biometric USB token

Technical Specifications

Dimensions: 2.0" x 0.7" x 0.26" (51 x 18 x 6.5mm)

Power Supply: 5V USB powered

Operating Temperature: 14 to 122 degF (-10 to 50 degC)

Storage Temperature: -4 to 158 degF (-20 to 70 degC)

Sensor service life: Over 200,000 times

Interface

Standard USB Type A connector

Communication protocol: CTAPHID

Security Algorithms

ECDSA, SHA256, AES, HMAC, ECDH

Human Interface

FPC Fingerprint Sensor

LEDs: Green and Red

Fingerprint module

Resolution: 160 x 180 pixel

Definition: 508 DPI

Storage: 50 fingerprints

Autonomic Learning: Yes

False Accept Rate: <0.001%

False Reject Rate: <1%

Recognition Time: <0.6sec

Acquisition Time: <180ms

Compliance / Certification

FIDO2

Manufacturer's part number: K45

Manufacturer: Feitian

Connection Method: USB