

Key-ID Hello + FIDO2 fingerprint USB security key



The FIDO2 fingerprint security token from Key-ID is a highly secure biometric security device that works 'out of the box' with Windows Hello and also supports the latest FIDO2 standards for web authentication with any number of compatible online services.

This enables secure passwordless/multi-factor login to Windows 10 desktops, Azure AD domains and the growing number of online services that support FIDO2.

FIDO2 security keys are natively supported by most modern browsers including Chrome, Firefox and Edge. Online services that support FIDO2, as part of their two-step or passwordless verification of desktop and laptop users, include Microsoft, Twitter, Dropbox, GitHub and 1Password.

This Key-ID FIDO2 token supports any number of separate accounts, so that all of your compatible web based services can be protected with a single key. You can add and remove security keys through each individual service, and no account data is stored on the device itself or elsewhere.

Up to three fingerprint templates are stored within a built-in security chip, and are processed and matched on the device, providing maximum security and privacy.

These are managed through the Windows Control Panel for Windows Hello, and the simple downloadable utility for FIDO2.

Due to its compact design and side facing sensor, you can leave the device plugged in to a standard USB slot, or you can carry it around with you, depending on how you work. A light automatically indicates when a quick touch is required, and the on-board biometric matching algorithm meets the highest standards for false positives and negatives.

The Key-ID FIDO2 security token, also known as EzFinger2, uses strong public key cryptography to protect users from phishing and other security threats and breaches.

All account and key management functions are performed according to the well-established FIDO Alliance, Webauthn/CTAP and Microsoft standards, providing an ideal strong hardware-based security solution for both consumer and business users.

For enterprise applications, FIDO2 is supported by several authentication server platforms as well as Azure AD.

See product specs & more info: [www.key-id.com](http://www.key-id.com).

**A highly secure USB fingerprint scanner that enables both Windows 10 login and secure access to any number of FIDO2-compliant online applications, including Office 365 and Azure AD passwordless sign-in. FIDO certified for Webauthn/CTAP standards as well as Windows Hello. Match-on-device secure fingerprint processing.**

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~873/key-id-hello-fido2-fingerprint-usb-security-key/p/index.shtml>

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

## Key-ID FIDO2 fingerprint USB security key + Hello

### Technical Specifications

Below is an additional photo of the Key-ID FIDO2 BIO token.



#### System requirements:

Desktop Operating System: Windows 10 for Windows Hello support, Windows, Mac, Linux, Chromebook for FIDO2

Browsers: All browsers supporting WebAuthn & CTAP2, including: Chrome (v. 70 and later), Edge (v. 44.18362.1.0 & later), Firefox (v. 66.0.32 and later)

Interface: HID (Human Interface Device) via USB Type-A

#### Security:

Data encryption: RSA, ECC, ECDSA, ECDH, PGP, AES128/256, SHA1/256

Hardware security: Built-in security chip

False Rejection Rate (FRR): <1%

False Acceptance Rate (FAR): 0.00001%

#### Human interface:

White LED: On: Request fingerprint touch / Off: Stand-by mode

Sensor: > 250,000 operations, 180 x 160 pixels (500 dpi) for reliable multi-directional one-touch operation

#### Power and environmental:

Voltage: 5.0 V

Power: Standby: 0.21W Peak: 0.25W

Current: Standby: 42mA Peak: 50mA

Operating temperature: -20°C to 60°C (-4°F to 122°F)

Storage temperature: -30°C to 60°C (-22°F to 122°F)

ESD Protection: Contact ±4kV / Air ±8kV

**Physical:**

Dimensions (width x height x length): 18.5mm x 13mm x 21.5mm (0.73 x 0.51 x 0.85in)

Weight: 3g (0.1oz)

Materials: Polycarbonate & steel (phosphor bronze, nickel plating)

**Compliance / Certification:**

FIDO2 (FIDO Authenticator Level 1), FCC, CE, ROHS2, VCCI, KC

Origin: South Korea

FIDO® is a registered trademark of FIDO Alliance, Inc.

**Warranty:** 1 year return to base warranty. Free technical support via web and email

**Manufacturer:**Key-ID

**Connection Method:** USB