Sign in

Insert and tap your FIDO2 Security Key

Product Overview

eSecu FIDO2 Security Key is a hardware authenticator complying with FIDO2 standard and FIDO U2F standard, which is self-developed by Excelsecu. By using a eSecu FIDO2 Security Key, users are freed from having to remember and type passwords as well as less to worry about their account information stolen by phishing, hacking or viruses. It uses Private / Public Key (asymmetric) cryptography to provide strong authentication and can be used on FIDO2-enabled or U2F-enabled services and applications as a factor of two-factor authentication, multi-factor authentication or passwordless authentication.

Product Features

- Secure passwordless sign-in for your Microsoft account
- Supported protocols: FIDO2, FIDO U2F
- Support passwordless authentication, two-factor authentication and multi-factor authentication
- Works with Google, Facebook, Dropbox, GitHub, Salesforce, Dashlane, and many other services
- Small, light, and water-resistant

How does it work?

Sign in

Insert and tap your FIDO2 Security Key

For Passwordless Authenticaiton (FIDO2)

1. Open the website you want to log in.
2. Connect the registered eSecu FIDO2 Security Key to your computer.
2. Simply press the button on the eSecu FIDO2 Security Key to sign in.

For Two-factor Authentication or Multi-factor Authentication (FIDO2&FIDO U2F)

1. Enter your usual username and password to sign in any web application that supports FIDO U2F.
2. Connect the registered eSecu FIDO2 Security Key to your computer or mobile device.
3. Simply press the button on the eSecu FIDO2 Security Key to sign in.

Product Specs

Product	eSecu FIDO2 Security Key
System	Windows, macOS, Linux, Chrome OS
Browser	Edge, Chrome, Firefox, Opera
Certificate	FIDO® U2F, FIDO2
Algorithm	ECDSA, SHA256
Size	44.7 x 16.0 x 9.0(mm)
Interface	USB
Protocol	HID
Data Retention	≥20 years
Rewrite Cycle	≥100,000 times
Operating Voltage	5V±10%
Operating Current	Max <40mA
Button	Single button
Button Endurance	≥100,000 times
Operating Temperature	-10~60℃
Storage Temperature	-20~60℃
Operating Humidity	10~90%
Indicator Light	White
Material	AL, PC

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