eSecu FIDO

eSecu FIDO series are hardware authenticators complying with Universal Second Factor (U2F) standard. By adding an eSecu FIDO Key to user login, the online services significantly increase the security of their existing password infrastructure. The users are less to worry about their account information stolen by phishing, hacking or viruses. Simply tapping on a button, the users can easily authenticate to all their U2F-enabled services and applications (e.g. Google, Facebook, GitHub) with a single device.
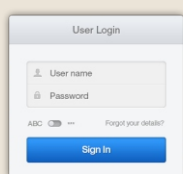
eSecu FIDO® HID

- Identified as a standard USB HID device
- No client software or drivers required to install
- Work with any service that supports FIDO U2F

eSecu FIDO® BLE

- Support FIDO U2F HID and BLE communication interface
- Support mobile device
- Rechargeable battery
- No client software or drivers required to install

How does it work?

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PASS

① Enter your usual username and password to sign in any web application that supports FIDO U2F.

② Connect the registered FIDO U2F Key to your computer or mobile device.

③ Simply press the button on the FIDO U2F Key to sign in.

Product Specs

Product	eSecu FIDO® HID	eSecu FIDO® BLE
System	Windows,MacOS,Linux, Chrome OS	Windows,MacOS,Linux, Chrome OS,Android, iOS
Certificate	FIDO® U2F	FIDO® U2F L1
Algorithm	ECDSA, SHA256	ECDSA, SHA256
Size	44.7x16.0x9.0(mm)	52.6x18.0x11.0 (mm)
Interface	USB	USB
Protocol	HID	HID, BLE
Data Retention	≥20 years	≥20 years
Rewrite Cycle	≥100,000 times	≥100,000 times
Operating Voltage	5V±10%	5V±10%
Operating Current	Max <40mA	Max for USB <80mA Max for BLE <20mA
Operating Temperature	-10~60℃	-10~60℃
Storage Temperature	-20~60℃	-20~60℃
Operating Humidity	10~90%	10~90%
Button	Single button	Single button
Button Endurance	≥100,000 times	≥100,000 times
Indicator Light	White	Blue, White, Red
Material	AL, PC	AL, PC
Battery	None	40mA
Battery lifetime	N/A	500 times recycle charging

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