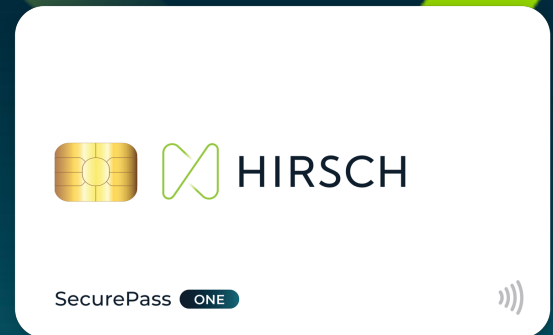




# SecurePass ONE

FIPS 140-3

Dual Interface Card



## This simple, strong authentication experience eliminates the need for passwords.

Hirsch's SecurePass ONE Cards allow individuals, businesses, and government agencies and contractors to replace passwords with a secure, fast, scalable, cost-effective login solution. SecurePass ONE cards are FIDO Alliance certified. The cryptographic security model of the devices eliminates the risk of phishing, password theft, and replay attacks. The FIDO cryptographic keys are stored on-device and are unique for each website, meaning they cannot be used to track users across sites.

SecurePass ONE Cards feature near field communication (NFC) functionality for contactless sign-on to applications and can be used with a tap on a smart card reader or the back of your phone/tablet\*. The cards work with everyday devices, including phones\*, tablets\*, laptops\*\*, and desktops\*\*, and across all services (e.g., Gmail, Facebook, Salesforce, LinkedIn, etc.).

\*support depends on antenna size on the device; may not work with all phones and tablets

\*\*smart card reader may be required

### High-Security Features

#### Convenient

- Fits in your wallet like a credit card

#### Strong MFA

- PIV and FIDO2 provide strong authentication to eliminate account takeovers

#### Multi-Platform

- Works with everyday devices, including phones, tablets, laptops, and desktops

#### Easy Authentication

- Authenticate across all services (e.g., Gmail, Facebook, Salesforce, LinkedIn, etc.)



## SecurePass ONE Card

Parameter	SecurePass ONE Card
<b>Host Interface</b>	ISO7816 and NFC
<b>Secure Element Interface</b>	FIDO2 (CTAP2.1), FIDO/U2F, other*
<b>Algorithms</b>	SHA256, AES, HMAC, ECDH, ECDSA, RSA
<b>Supported Operating Systems</b>	Windows, macOS, iOS, Linux, ChromeOS, Android
<b>Dimensions</b>	3.370 × 2.125 inches
<b>Weight</b>	5g
<b>Operating Temperature Range</b>	0°C to 50°C (32°F to 122°F)
<b>Storage Temperature Range</b>	-20°C to 85°C (-4°F to 185°F)
<b>Operating Frequency</b>	13.56 MHz
<b>RF Interface</b>	ISO 14443 A, Parts 1-4
<b>Typical Maximum Read Range</b>	Up to 6 cm
<b>Contactless Data Rate</b>	Activation at 106 kbps; Data transfer up to 848 kbps
<b>Write Endurance</b>	100,000 cycles min.
<b>Data Retention</b>	10 years min
<b>Materials and Finish</b>	Gloss white/white PVC or PVC/Polyester Composite
<b>FIDO Applet</b>	
<b>Applet characteristics</b>	U2Fv2, FIDO 2.0 and FIDO 2.1 standards NFC ISO 14443 contactless and ISO 7816 contact interfaces EC Digital Signature (ECDSA) with NIST P256 (256R1) parameters 32 bits signature counter, reset to 0 upon authenticator reset Multiple accounts per Relying Party Resident keys credentials (64 credential slots) CredManagement commands
<b>Applet Options</b>	HmacSecret; CredProtect; CredBlob for Resident-Keys; minPinLength: stores up to 4 authorized RPs

## SecurePass ONE Card

Parameter	SecurePass ONE Card
<b>PIV Applet</b>	
<b>Applet characteristics</b>	Complies with NIST SP 800-73-4, supports RSA 2048 & 3072 bits, supports ECC p256 and p384, supports AES128, AES192 and AES256
<b>Applet Options</b>	Supports certificates 9C and 9D; supports up to 20 retired certificates;
<b>PGP Applet</b>	
<b>Applet characteristics</b>	Complies with OpenPGP Card Specification 3.4.1 Supports RSA 2048, 3072 and 4096 bits; Supports ECC p256, p384 and p521
<b>Applet Options</b>	Supports optional DOs
<b>Secure Element</b>	
<b>Name</b>	JCOP4.5 P71
<b>Standard</b>	FIPS 140-3 Level 3
<b>Description</b>	NXP Semiconductors offers JCOP secure Java Card Operating System, JCOP4 P71 ensures large interoperability with third-party applets providers, card issuers as well as all existing Smart Card infrastructures.
<b>Certifications</b>	
<b>System/Standards</b>	FIDO Universal 2nd Factor (U2F), FIDO2
<b>Ordering Information</b>	
<b>Product Part Number</b>	905622-1