HIRSCH

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
Host Interface	ISO7816 and NFC
Secure Element Interface	FIDO2 (CTAP2.1), FIDO/U2F, other*
Algorithms	SHA256, AES, HMAC, ECDH, ECDSA, RSA
Supported Operating Systems	Windows, macOS, iOS, Linux, ChromeOS, Android
Dimensions	3.370 × 2.125 inches
Weight	5g
Operating Temperature Range	0°C to 50°C (32°F to 122°F)
Storage Temperature Range	-20°C to 85°C (-4°F to 185°F)
Operating Frequency	13.56 MHz
RF Interface	ISO 14443 A, Parts 1-4
Typical Maximum Read Range	Up to 6 cm
Contactless Data Rate	Activation at 106 kbps; Data transfer up to 848 kbps
Write Endurance	100,000 cycles min.
Data Retention	10 years min
Materials and Finish	Gloss white/white PVC or PVC/Polyester Composite
FIDO Applet	
Applet characteristics	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
Applet Options	HmacSecret; CredProtect; CredBlob for Resident-Keys; minPinLength: stores up to 4 authorized RPs

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Parameter	SecurePass ONE Card
PIV Applet	
Applet characteristics	Complies with NIST SP 800-73-4, supports RSA 2048 & 3072 bits, supports ECC p256 and p384, supports AES128, AES192 and AES256
Applet Options	Supports certificates 9C and 9D; supports up to 20 retired certificates;
PGP Applet	
Applet characteristics	Complies with OpenPGP Card Specification 3.4.1 Supports RSA 2048, 3072 and 4096 bits; Supports ECC p256, p384 and p521
Applet Options	Supports optional DOs
Secure Element	
Name	JCOP4.5 P71
Standard	FIPS 140-3 Level 3
Description	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.
Certifications	
System/Standards	FIDO Universal 2nd Factor (U2F), FIDO2
Ordering Information	
Product Part Number	905622-1