OneSpan

DIGIPASS® FX1 BIO

Stop account takeover attacks and protect employees, partners, and corporate resources with DIGIPASS® FX1 BIO. Eliminate passwords, enable faster logins, and enhance employee productivity. Protect your accounts against social engineering and replay attacks with FIDO-enabled phishing-resistant authentication that works out-of-the-box with hundreds of FIDO2-compatible services.

With DIGIPASS® FX1 BIO, any business can enable a 'work from anywhere, on any device' policy without weakening the organization's security posture.

DIGIPASS® FX1 BIO offers the ideal multi-factor authentication (MFA) solution to protect against social engineering, adversary-in-the-middle attacks, and replay attacks, preventing account takeover and unauthorized access to company resources.

This OneSpan authenticator offers the highest assurance security and the best user experience, helping organizations to maintain productivity and alleviate the burden on IT, while simultaneously protecting employees against phishing attacks and account takeover.

Mitigate account takeover, go passwordless

Digital transformation initiatives and the shift to hybrid work has expanded the potential attack surface for cybercriminals. Social engineering attacks are increasing in volume and sophistication, raising concerns

about how to efficiently protect their workforce from credential theft and account takeover incidents.

Organizations are undergoing a significant paradigm shift in response to constantly evolving fraud schemes and regulatory requirements around user and data safety. Phishing-resistant passwordless MFA is a standard all businesses should strive for. Deploying passwordless authentication greatly enhances an organization's security posture and helps protect users and corporate resources from unauthorized access.

DIGIPASS® FX1 BIO is a phishing-resistant authenticator that enables passwordless authentication. The device works in connected mode, so one-time passcodes are never disclosed. Since there are no passwords to phish, this greatly reduces the likelihood of being exposed to phishing schemes that rely on passwords, such as adversary-in-the-middle attacks, adversary-in-the-browser attacks, account takeover attacks, and replay attacks.

Highlights

Secure and convenient

- FIDO2-certified device enables passwordless authentication directly in the browser
- Biometric authentication eases the user experience
- Phishing-resistant authenticator protects against password-based attacks
- USB, NFC, and Bluetooth-enabled to support users' authentication preferences

Create an unrivaled user experience

DIGIPASS® FX1 BIO is designed with the user in mind. Passwordless authentication removes the first and often largest hurdle – remembering passwords. The fingerprint biometric offers an intuitive user experience.

DIGIPASS® FX1 BIO is a USB, NFC, and Bluetooth enabled authenticator giving customers the choice to select their preferred authentication method. This authenticator can be used with any other mobile device since a USB port is not mandatory furthering large-scale adoption.

How it works
Passwordless authentication puts an end to phishing and other social engineering attacks as hackers are unable to phish passwords. The physical possession of your DIGIPASS® FX1 BIO is required to gain access to online services.

Connect yourDIGIPASS® FX1 BIO passkey to any device via USB, NFC or Bluetooth and scan your fingerprint on theDIGIPASS® FX1 BIO fingerprint sensor, it is as simple as that.

The passwordless login relies on FIDO2, an open standard supported by Google Chrome, Apple Safari, Mozilla Firefox, and Microsoft Edge and uses public key cryptography.

Credentials are never exposed over any network and can be further protected with a PIN and optional fingerprint as a second factor if required by the web service.

Logon to Windows, Microsoft Azure AD 365, and any FIDO2-enabled service
DIGIPASS® FX1 BIO replaces the username and password combo to sign-in on Windows 10 and the cloud version of Microsoft Azure AD 365 and any FIDO2 enabled web service, including those of various IAM providers.

Easy to setup
DIGIPASS® FX1 BIO is a Bluetooth and NFC enabled hardware device and can be connected to your mobile device or laptop via USB.

Installation via PC is straightforward: simply connect the device to the computer via USB. To connect via Bluetooth, you will need to pair your device with the mobile, PC, or platform you wish to connect to.

Upon first use you will be asked to set your PIN code and register your fingerprint. After the PIN is set, you will be able to log on any FIDO2 enabled service. No additional drivers need to be installed, ensuring a frictionless and intuitive user experience, resulting in a higher user acceptance.

Cost-efficient solution
FIDO authentication offers an interoperable and standardized ecosystem of authenticators for use with online applications. It enables organizations to deploy strong authentication for login, without the incremental cost of in-house development.

TECHNICAL SPECIFICATIONS

Size	35mm (49.5 w/cable) (L) x 35(W) x 10.8mm(H)
Weight	11g
Fingerprint Sensor	Capacitive
Bluetooth	Bluetooth 5.2 LE (Low Energy)
NFC	ISO 14443 / card-emulation mode / extended APDU support
FIDO	Support for FIDO U2F, FIDO2, and passkeys
Battery	Rechargeable - 65 mAh
Cable	Integrated USB-C cable
Power Supply in Connected Mode	Via USB-C, 4.75 to 5.50 volts
Dust & Water Resistance	Dust-safe and splashproof

CERTIFICATION AND COMPLIANCE

Short-term Storage Temperature	-10°C to 50°C 90% RH non-condensing	IEC60068-2-78 (damp heat) IEC60068-2-1 (cold)
Operating Temperature	0°C to 45°C 85% RH non-condensing	IEC60068-2-78 (damp heat) IEC60068-2-1 (cold)
Vibration	10 to 75 Hz 10 m/s²	IEC60068-2-6
Drop	1 meter	IEC60068-2-31
Emission		EN55022
Immunity	4 kV contact discharges 8 kV air discharges 3 V/m from 80 to 1000 MHz	EN55024
Compliant with European Directives	CE: 89/336/EEC or 2004/108/EC RoHS: 2002/95/EC WEEE: 2002/96/EC	
Compliant with Federal Communications Commission	FCC ID: 2AH88-1200 IC: 27700-1200	

About OneSpan

OneSpan, the digital agreements security company™, helps organizations accelerate digital transformations by enabling secure, compliant, and refreshingly easy customer agreements and transaction experiences. Organizations requiring high assurance security, including the integrity of end-users and the fidelity of transaction records behind every agreement, choose OneSpan to simplify and secure business processes with their partners and customers. Trusted by global blue-chip enterprises, including more than 60% of the world's largest 100 banks, OneSpan processes millions of digital agreements and billions of transactions in 100+ countries annually.

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