DATASHEET: DIGIPASS CX2

OneSpan

DIGIPASS CX2

Reduce social engineering fraud and build trust without adding friction to the user journey. DIGIPASS CX2® enables organizations to benefit from enhanced security with a flexible solution that ensures regulatory compliance and adapts to evolving business needs.

HIGHLIGHTS

User convenience first

Passwordless solution with fingerprint biometrics ensures an intuitive and frictionless customer experience

Users can sign transactions and documents anywhere, anytime on any device

What you see is what you sign: users get a complete overview of the transaction details before signing

Enhanced security

Phishing-resistant authentication device mitigates human risk in social engineering attacks

Bidirectional channel ensures message authenticity and data integrity

With DIGIPASS CX2, organizations are able to offer their customers digital services while protecting them from advanced fraud attacks. DIGIPASS CX2 is the ideal multi-factor authentication solution to protect against social engineering, Adversary-in-the-Middle (MitM), Adversary-in-the-Browser (MitB), and replay attacks, and prevent account takeovers. DIGIPASS CX2 offers the highest assurance security and the best user experience, helping organizations stop social engineering fraud without compromising trust.

Flexible authentication, document signing, transaction signing, and digital ID credential storage

Accelerate digital transformation, reduce social engineering fraud, and deliver an exceptional user experience with DIGIPASS CX devices. DIGIPASS CX2 can be used for authentication, transaction authorization, document signing, and digital ID credential storage. The solution supports multiple authentication methods, including FIDO2 and OATH. Organizations can secure their applications and services using the appropriate protocol for each environment.

User friendly transaction validation

Social engineering attacks target the end-user. As phishing and other forms of attacks continue to escalate, organizations need to find ways to stop attacks and mitigate potential damage.

By deploying a solution with the highest level of assurance, organizations ensure that the authenticity and integrity of online transactions is never in doubt. DIGIPASS CX2 is a phishing-resistant authenticator that enables passwordless authentication. The device works in connected mode, so one-time passcodes are never disclosed, but transferred over a secure channel in an encrypted manner. This greatly reduces the likelihood of being exposed to phishing schemes, such as adversary in the middle and adversary in the browser, replay attacks, and account takeovers, as these attacks rely on the disclosure of passwords and one-time-passcodes.

Create an unrivaled user experience

DIGIPASS CX2 eliminates the need to enter passcodes and offers a passwordless approach with a fingerprint biometric that will delight users and build trust. The solution uses a color display and touch screen, enabling a 'what you see is what you sign' approach. Users can verify all transaction details on the trusted display before signing a transaction. This contextual information ensures a smooth and transparent signing process while reassuring the user that the transaction details have not changed.

DIGIPASS CX devices help organizations enforce the same level of security and user experience across all the user's personal devices. DIGIPASS CX2 can connect to a user's device using USB, Bluetooth or NFC, and can therefore work seamlessly with any device, including mobile, desktop, laptop, or tablet.

Enhanced security and simplified lifecycle management

The solution comes with an integrated cloud management experience, that is securly connected to the DIGIPASS CX devices without relying on the security of the underlying transport layers. This ensures message authenticity, confidentiality, and replay resistance.

Organizations can manage the entire end-to-end lifecycle of the devices. This enables organizations to gain efficiencies through process automation when creating, configuring, updating, and disabling users and their privileges.

A flexible and futureproof solution

OneSpan has revolutionized hardware authentication with the remote update functionality of DIGIPASS CX Devices. Due to the smart connection between the device and console, secure remote updates can be installed on DIGIPASS CX devices even after they have been deployed and distributed. This gives organizations the flexibility to activate new features, customize user journeys, and adapt to changing situations and new risks by modifying configuration or security parameters as business needs evolve.

HIGHLIGHTS

Future proof

Secure remote updates enable organizations to support latest authentication standards

Easily adapt authentication and transactions flows as business context changes

Authentication, transaction verification, document signing, and digital ID credential storage in a single device

Multi-protocol support, regulatory compliance

Support for DIGIPASS, FIDO2, and OATH authentication protocol in a single device

FIPS 140 Level 3 certified cryptographic module

PSD2 compliant

TECHNICAL SPECIFICATIONS		
Display	Capacitive touch color display with backlight 2.4-inch display size - IPS - 240 x 320 resolution	
Size	95.2mm (L) x 58.2mm (W) x 9.9mm (H)	
Weight	47g	
Camera	640 x 480	
Fingerprint Sensor	FPC1523	
Bluetooth	Bluetooth 5.2 LE (Low Energy)	
NFC	ISO 14443 / card-emulation mode / extended APDU support	
Battery	Rechargeable - 320 mAh	
Cable	USB-C cable 1 meter (optional)	
Power Supply in Connected m=Mode	Via USB-C, 4.75 to 5.50 volts	
Languages	Multilingual Support	
Tampering	Tamper evident	ISO13491-1
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
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: 2AH88-1100 IC: 27700-1100	

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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