

DIGIPASS[®] 281

Enhanced security in a convenient credit card size authenticator

DIGIPASS 281 is a strong authentication device that boosts security while providing unmatched user acceptance. The size of a credit card, DIGIPASS 281 offers ultimate user convenience and can be easily distributed due to its unique size.

DIGIPASS 281 provides a comprehensive transaction data signing and authentication solution which banks and other organizations can use to effectively combat Internet fraud by replacing static or paper-based password systems with dynamic passwords and e-signatures. The solution supports three native applications, each with a dedicated cryptographic secret, ensuring an increased level of security.

BENEFITS

- Strong security with one-time password and e-signature technology
- Ultra-portable: can easily be stored in a wallet
- Enhanced user acceptance thanks to credit card size
- Fully customizable with corporate logo, branding and custom colors
- Easy to integrate and deploy
- Low total cost of ownership
- Designed for mass-deployment

HOW DOES IT WORK

DIGIPASS 281 supports three native applications: a one-time password (OTP), a challenge/ response and an e-signature application. With a simple push on the button, DIGIPASS 281 generates strong dynamic passwords that can only be used once and have a limited validity.

The e-signature applications require data field validation in order to generate an e-signature. For regular transactions typically the amount will need to be validated in order to complete the transaction signature. For higher risk transactions, banks and other organizations can require an additional validation besides the amount such as an account number. E-signatures are an adequate protection against man-in-the-middle and similar fraud schemes.

SIMPLE INTEGRATION

The integration of DIGIPASS 281 into an existing network or application is simple and swift. The authentication device does not require any additional investments in hardware or infrastructure. DIGIPASS 281 is fully interoperable with all members of the DIGIPASS family and works seamlessly with VASCO's VACMAN and IDENTIKEY Authentication Server products.

EASY TO DEPLOY

DIGIPASS 281 is extremely well suited for mass-deployments. Thanks to its slim design, DIGIPASS 281 complies with standard postal regulations across several countries ensuring a swift and simple distribution.

DIFFERENT CUSTOMIZATION OPTIONS

DIGIPASS 281 is fully customizable; it can carry your corporate logo, branding and custom colors, resulting in higher brand recognition for the end user. The customizable artwork on the card allows banks and other organizations to differentiate themselves from their competitors and gain a competitive edge.

Additionally, banks can choose to customize the authentication device with an EMV chip or magnetic strip encoding, in order to turn the authentication device into a regular debit, credit or ATM card.



FEATURES

- Strong two-factor authentication
- E-signature device that supports 3 applications: OTP, Challenge/Response and e-signature
- Supports OATH/ OCRA algorithms
- Easily customized with corporate logos, branding and company colors
- Tamper evident
- 2 year warranty

TECHNICAL SPECIFICATIONS

- ISO 7810 compliant
- Dimensions (L x W X H): 85.60 x 53.98 x 0.9 mm
- Display: 8 digit e-paper display with 14 segments
- Real-time clock for time-based cards

CERTIFICATION AND COMPLIANCE

Storage temperature	-10° C to 50° C 90% RH non condensing	IEC 60068-2-78 (damp heat) IEC 60068-2-1 (cold)
Operating temperature	10° C to 40° C 90% RH non condensing	IEC 60068-2-78 (damp heat) IEC 60068-2-1 (cold)
Immunity	4 kV contact discharges 8 kV air discharges 3 V/m from 80 to 1000 MHz	EN 55024
Compliant with European directives	<ul style="list-style-type: none"> • EMC: EC283129 • RoHS: CX_2014_70009 	

PRODUCT LIFETIMES

	Years	OTP Generations	
		Display cleared	Not Cleared
DIGIPASS 281 Event-based	3	11.000	19.000
	5	9.000	16.000
DIGIPASS 281 Time-based	3	15.000	
	5	7.000	

About VASCO

VASCO is a leading supplier of strong authentication and e-signature solutions and services specializing in Internet Security applications and transactions. VASCO has positioned itself as global software company for Internet Security and designs, develops, markets and supports DIGIPASS®, CertiID™, VACMAN®, IDENTIKEY® and aXsGUARD® authentication products. VASCO's prime markets are the financial sector, enterprise security, e-commerce and e-government.

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