

DIGIPASS[®] 880

Smart card reader with visual transaction signing for convenient and secure online transactions

DIGIPASS 880 is a visual transaction signing solution combining a secure smart card reader with patented CrontoSign technology. It is designed to help financial institutions protect online banking services from sophisticated cyber threats while delivering outstanding user convenience.

STRONG SECURITY

DIGIPASS 880 pairs a secure smart card reader with innovative CrontoSign technology to deliver the ultimate protection against sophisticated fraud schemes such as phishing, social engineering, banking Trojans, man-in-the-middle (MITM) and man-in-the-browser (MITB) attacks.

EXCEPTIONAL USER CONVENIENCE

Visual transaction signing enhances convenience for users by reducing the level of interaction required. As all transaction data are captured by scanning a CrontoSign image, and no transaction details need to be typed in manually on the device. The color display highlights important transaction data, while the touch screen ensures an intuitive user experience.



WHAT YOU SEE IS WHAT YOU SIGN

Critical transaction information including payment details are encrypted and automatically presented on the DIGIPASS 880 color display for visual verification, ensuring that the transaction has not been tampered with.

EASY TO DEPLOY

DIGIPASS 880 is ideally suited for large deployments with high security requirements, since it is a non-personalized device that does not need to be manually assigned to a user. DIGIPASS 880 is ready to use out of the box and doesn't require the installation of additional software or drivers.

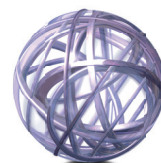
CUSTOMIZABLE DESIGN

The DIGIPASS 880 is customizable, and can be enhanced with your organization's logo, branding and custom colors.

HOW IT WORKS

DIGIPASS 880 utilizes a unique visual challenge contained in a CrontoSign image, offering strong protection against threats as well as an intuitive experience for users:

1. The user enters transaction details into online banking application.
2. Details of the transaction are encrypted and presented via a CrontoSign image on the user's computer, mobile phone or tablet.
3. The user inserts a smart card and enters PIN on the touch screen.
4. After PIN verification, the user "scans" the image with the DIGIPASS 880 built-in camera
5. DIGIPASS 880 instantly decrypts the transaction details and presents on the color display for user verification.
6. Once verified by the user, a signature is generated on the DIGIPASS 880, which the user enters into online banking application in order to confirm the transaction.



PRODUCT SPECIFICATIONS

VASCO Class 4 Reader	Unconnectable touch pad reader with display
User Interface	1,77 in. TFT color (128*160 dots) touch screen
Camera	Camera with live video streaming (640*480)
Smart Card Interface	ISO7816, T=0, T=1 Frequency up to 4 Mhz Supports ISO 7816 Class A and B smart cards(in option) 10,000 smart card insertions Embossed smart card supported
Size L*W*T	82,5 * 60 * 15,8 mm
Weight	Without batteries <43 g. With batteries <65g
Keypad	touch screen resistant to over 100,000 rubbings
Replaceable Battery	2 AAA replaceable batteries Expected lifetime 5 years
Standards	Mastercard CAP (2004, 2007) VISA dynamic passcode authentication version 1.1 German sm@rt TAN EMV2000 LEVEL 1
Logo Customization	Bank's logo can be printed on the reader Color of the casing can also be customized

1. Depending on the smartcard used and the transaction.

COMPLIANCE SPECIFICATIONS

Storage temperature	-10°C to 50°C; 90% RH non condensing	IEC 60068-2-78 (damp heat) IEC 60068-2-1 (cold)
Operating temperature	0°C to 45°C; 85% RH non condensing	IEC 60068-2-78 (damp heat) IEC 60068-2-1 (cold)
Vibration	10 to 75 Hz; 10 m/s ²	IEC 60068-2-6
Drop	1 meter	IEC 60068-2-31
Emission		EN 55022
Immunity	4 kV contact discharges 8 kV air discharges 3 V/m from 80 to 1000 MHz	EN 61000-4-2 EN 61000-4-3
Compliance to European directives	2004/108/EC (EMC directives) 2002/95/EC (RoHS directive) 2002/96/EC (WEEE directive)	

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 serving customers in more than 100 countries, including several international financial institutions. VASCO's prime markets are the financial sector, enterprise security, e-commerce and e-government.

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