

# DIGIPASS 810

**Our most popular Smart Card CAP reader has been upgraded**

**DIGIPASS 810 reader combines VASCO Class 1 stand-alone smart card reader functions such as e-signature with the most current EMV-CAP E compliance (Europay-Mastercard-Visa Chip Authentication Program Enhancements.) The display screen has also been redesigned to accommodate more text, including Asian characters.**

## FACTORY TO FIELD

The DIGIPASS 810 reader initializes itself and becomes unique the moment a user inserts their smart card and enters their PIN. All secrets are permanently erased when the card is removed. The DIGIPASS 810 reader is platform-independent and does not require personalization prior to customer delivery; each reader is identical. Therefore production and distribution are efficient and very cost-effective.

## EASY TO USE

Cardholders simply insert their standard EMV chip card into the DIGIPASS 810 reader, and type their PIN for two-factor authentication (something they know, something they have). Each time a user enters his PIN, a one-time password (OTP) is generated and displayed.

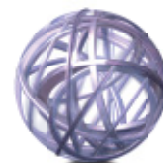
The user can type this secure password to become authenticated over the bank's network. This dynamic password cannot be used more than once and can only be verified by the issuing bank. The verification of the OTP or e-signature demonstrates cardholder's identity and allows access to the network from any terminal, on any platform.

DIGIPASS 810 reader can be used in conjunction with VASCO's VACMAN controller authentication platform. For electronic payments, DIGIPASS 810 reader can also be integrated into the 3D-Secure architecture, allowing the cardholder to sign specific account data to complete the transaction. The reader does not require a connection to the terminal or PC, nor any client software or drivers.

## LOW COST OF OWNERSHIP

The DIGIPASS 810 reader combines the intrinsic security of the smart card with the flexibility of a token. No extra personalization is required by the network owner and can be delivered very efficiently in high volume. Security infrastructure costs are reduced since there are fewer helpdesk calls. The DIGIPASS 810 reader reader can allows banks to transition cost effectively to strong authentication for retail banking by leveraging their existing investment in EMV infrastructure.




**DIGIPASS 810 READER FEATURES**

DIGIPASS 810 reader	Stand-alone PIN pad reader
Display	High contrast, 12 character, 2-line LCD (1 line 60x7 dot matrix line and 1 line of 7-segment characters) Optional display: High contrast 80x16 dot matrix LCD (DIGIPASS 810 reader A)
Size	Compact 96 x 62 x 11 mm
Weight	50 g
Keypad	Tactile keypad with silicon rubber key printed with an epoxy layer. Resistant to over 100,000 rubbings. 10 numeric keys, 5 function keys
Lifetime	5-year lifetime
Standards	Mastercard CAP (2004, 2007) Mastercard CAP E (2008) VISA dynamic passcode authentication version 1.1 German Sm@rt TAN Belgian eID Card Banksys Unconnected reader specification (BKS M.010 version 1.3)
Logo	Bank's logo can be printed on the reader. Color of the casing can also be customized

**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	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 <sup>2</sup>	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 (CE marking)		2004/108/EC (EMC directives) 2002/95/EC (RoHS directive) 2002/96/EC (WEEE directive)
Tampering	Tamper evidence	ISO 13491-1

**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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