

DIGIPASS 840 Comfort Voice

Our most popular Smart Card CAP Reader is voice activated for people with special needs

DIGIPASS 840 CV (comfort voice) is a user friendly solution for people with disabilities that combines VASCO Class 1 stand-alone smart card reader functions such as e-signature with EMV-CAP (Europay-Mastercard-Visa Chip Authentication Program) compliance. DIGIPASS 840 CV (DP 840 CV) satisfies the Disability Discrimination Act and the APACS standard.

PROVEN SOLUTION FOR PEOPLE WITH DISABILITIES

DP 840 CV is designed to address the needs of the elderly and those with various disabilities, including visual limitations.

DP 840 CV is a desktop-size reader with large keys and an oversize high contrast display to make reading and data input easy. An internal speaker and optional headphone provide the following functions:

- Voice based user interface;
- Voice based signature and one-time password;
- Acoustic feedback on PIN, reference, challenge and amount fields.

The vertical card insert feature is extremely user friendly and makes secure two factor authentication possible for everyone.

FACTORY TO FIELD

The DP 840 CV 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 DP 840 CV is platform-independent and only requires voice message personalization prior to customer delivery; each reader is identical. Therefore production and distribution are efficient and very cost-effective.

EMV CAP COMPLIANT

Cardholders simply insert their standard EMV chip card into the DP 840 CV, and type their PIN for two-factor authentication (something they know, something they have.) Each time a user enters their PIN, a one-time password (OTP) is generated, displayed and announced.

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 demonstrates the cardholder's identity and allows access to the network from any terminal, on any platform.

DP 840 CV can be used in conjunction with Vasco's VACMAN controller authentication platform. For electronic payments, DP 840 CV 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. The DP 840 CV may be deployed simultaneously with other VASCO readers sharing the same application.





DIGIPASS 840 CV FEATURES

VASCO DP 840 CV reader	Stand-alone PIN pad reader with a vertical card insert for individuals with special needs
Display	High contrast, extra large 2-line LCD (1 line 60x7 dot matrix line and 1 line of 7-segment characters)
Size	50.1 mm/15.5 mm x 97.2 mm x 145.5 mm
Weight	181 grams (excluding replaceable batteries)
Keypad	10 numeric and 9 function oversized (15mm) tactile keys
Battery	2 replaceable AA batteries and 1 non replaceable CR2032 back-up battery
Standards	Mastercard CAP (2004, 2007) VISA dynamic passcode authentication version 1.1 German Sm@rt TAN Belgian eID Card Banksys Unconnected reader specification (BKS M.010 version 1.3)
Customization	DIGIPASS 840 CV (including keyboard) color and vocal messages can 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 ²	IEC 60068-2-6
Drop	1 meter	IEC 60068-2-32
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)

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 patented DIGIPASS®, DIGIPASS PLUS®, VACMAN®, IDENTIKY® and aXsGUARD® authentication products. VASCO's prime markets are the financial sector, enterprise security, e-commerce and e-government.

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