DIGIPASS 830

The Most Popular Smart Card Reader Functions All-in-One.

DIGIPASS 830 combines all VASCO's Class 1 standalone smart card reader functions, such as e-signature functionality, with EMV-CAP compliance (Europay-Mastercard-Visa Chip Authentication Program). The product meets UK APACS, German TAN Handheld Device requirements (HHD) and emerging French market user interface requirements.

FACTORY TO FIELD
The DIGIPASS® 830 initializes itself and becomes unique the moment a user inserts his smart card and enters his PIN. When the card is removed from the DIGIPASS 830, all secrets are permanently erased. As DIGIPASS 830 is platform-independent and does not require personalization prior to customer delivery, each reader is identical. Therefore, production and distribution are very cost effective.

EASY TO USE
Cardholders simply insert their standard EMV chip card into DIGIPASS 830, 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 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 confirms the cardholder's identity and grants access to the network from any terminal, on any platform.
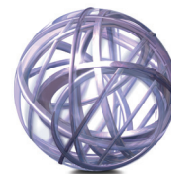
DIGIPASS 830 can be used in conjunction with VASCO's VACMAN® Controller authentication platform. For payments, DIGIPASS 830 can also be integrated into the 3D-Secure architecture and allows the cardholder to enter key data from the transaction before authorizing payment. The reader does not require a connection to the terminal or PC, nor any client software or drivers.

LOW COST OF OWNERSHIP
DIGIPASS 830 eliminates the need to provide customers with a smart card and a separate authentication token. It combines the intrinsic security of the smart card with the flexibility of a token.

Additionally, DIGIPASS 830 requires no extra personalization by the network owner and can be delivered very efficiently in volume. Security infrastructure costs are reduced due to the decreased level of helpdesk calls. DIGIPASS 830 reader can help banks transition to strong authentication for retail banking cost effectively by leveraging their existing investment in EMV infrastructure.

FEATURES:

VASCO® Class 1 reader	Standalone PIN pad reader
Display	High contrast 80x16 dot matrix LCD
Size	Compact size of 96 x 62 x 11 mm
Weight	49 g
Keypad	Tactile keypad with silicon rubber key printed with an epoxy layer. Resistant to over 100,000 rubbings. 10 numeric keys, 6 function keys
Lifetime	5-year lifetime (dual 2032 battery cell)
Standards	• Mastercard CAP (2004, 2007) • VISA dynamic passcode authentication version 1.1 • German TAN Handheld Device HHD (version 1.3) • Advanced Authentication for chip (CAP E, PLA) • CAP User interface specification- UK implementation (APACS)
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/s2	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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