

# DIGIPASS® 905

## USB connected PC/SC chip card reader/writer

For banks and other organizations who need to enable users to access chip cards via PCs, DIGIPASS 905 is a USB connected transparent chip card readers/ writer that is fully interoperable with all PC/SC enabled applications and all chip cards. DIGIPASS 905 is designed to meet the requirements for both desk-top and notebook usage.

DIGIPASS 905 is a USB chip card reader/writer which can be used as desktop device or as an 'add-on', attached to a note-book or a PC monitor/display. Card insertion/retraction can be performed single handedly when used in combination with the included stand. The modern design compliments any office or home, and can be fully customized with your company logo and colors.

The DIGIPASS 905 is suitable for a wide range of applications, such as electronic banking, internet security, network security, loyalty and PKI applications.

LED indicators provide device status, card insertion and card communication status.

The application interface is based on the PC/SC interface standard.

CCID compliance ensures additional drivers are not required in common operating environments, including Microsoft Windows.

### FUNCTION

- Transparent communication to chip cards via USB interface

### FEATURES

- Microprocessor and memory card support
- Native support by a.o. Windows 2000, XP and Vista utilizing CCID class drivers
- Compliant with all ISO 7816 smart cards and most memory cards
- EMV 2000 level 1 certification and PC/SC compliancy
- Customize with your company logo and colors

### BENEFITS

- High communication speed to card
- Suitable as a desktop device or as 'add-on' to notebook
- Ergonomic design
- Supports all relevant (defacto) standards
- USB bus powered; no need for batteries or external power supply
- Hassle free installation



**VASCO, the full-option, all-terrain  
authentication company**

#### TECHNICAL SPECIFICATIONS

##### HOST INTERFACE

- USB 2.0 full speed (12Mbps)
- Bus powered device
- CCID compliant

##### CHIP CARD INTERFACE

- T=1, T=0 protocol support
- Communication speed up to 320 kbps
- Supports ISO 7816 Class A and AB smart cards (except ISO 7816-2, annexB, shifted contact field)
- Support IIC, SLE4418, SLE4428, SLE4432, SLE4442, AT88SC1608, AT45D041 memory cards

##### SMART CARD CONNECTOR

- 8 contacts - ISO location
- 10,000 insertions
- Gold plated, sliding contact

##### HUMAN INTERFACE

- Two LEDs indicating card insertion, card communication and device status

##### CABLE/POWER

- Fixed cable: 1.5 meter, with USB type A connector
- USB bus powered (<100mA)

##### DIMENSIONS & WEIGHT

- Reader (LWH): 69 x 58 x 13 mm, weight 68 grams
- Reader + stand (LWH) 80 x 72 x 55 mm, weight 243 grams

##### OPERATING TEMPERATURE

- 0° to 50° Celsius, 85% RH non condensing

##### STORAGE TEMPERATURE

- -20° to 60° Celsius, 85% RH non condensing

##### OPERATING SYSTEM

- Microsoft® Windows® 2000/XP/XPe

##### API

- PC/SC 2.01

##### CERTIFICATIONS AND COMPLIANCE

- USB compliant
- Microsoft® WHQL for DP 905 ISO Mode configuration
- EMV 2000 Level 1 for DP 905 Config Mode configuration
- ISO 7816 compliant
- CE and FCC Class B part 15 compliant



## About VASCO

VASCO designs, develops and supports patented "Strong User Authentication" products for the financial world, secure network access, e-business and e-commerce. VASCO's user authentication technology is carried by the end-user on its DIGIPASS products which exist in hard & software format.

At the server side, VASCO's VACMAN products guarantee that only the designated DIGIPASS user gets access to the application. VASCO's target markets are the applications and their several hundred million users using fixed password as security. VASCO's time-based system generates e-signatures and a "one-time" password that changes with every use, and is virtually impossible to hack or break. With tens of million of DIGIPASS products sold, VASCO has established itself as a world leader in strong authentication for e-banking and for network access for blue-chip corporations and governments worldwide.

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