

DIGIPASS 865

OneSpan reader with advanced display for a better user experience and improved security

Protecting smart Card PIN

An alarming number of applications continue to use smart cards that are inadequately protected with static PINs. Applications such as PKI, e-wallet or e-banking applications are exposed to Trojans or key loggers if they rely simply on static PIN entry on the PC keyboard for smart card transactions. The current vulnerability of the PC platform in the Internet environment makes this form of PIN entry totally unacceptable from a security point of view. Digipass 865 provides the secure advantage of entering the pin directly at the reader and not on the computer keyboard. Therefore, the PIN is never available on the PC platform. Similarly, smart card PIN changes can be securely performed using the Digipass 865 keyboard.

Connected and unconnected mode

Digipass 865 is the USB connectable version of the trusted Digipass 810. The device can be used in both connected and unconnected mode. Digipass 865 has a sophisticated user interface, comprising a 20-key keypad and an 8-line display. When connected to the PC, the Digipass 865 functions as a sophisticated secure PIN pad reader offering secure PIN entry features and "what you see is what you sign" functionality. All data to be signed is visually presented on the Digipass 865 display for confirmation by the cardholder.

When used in unconnected stand-alone mode, Digipass 865 offers the same functionality as other Digipass unconnected smart card readers, including strong authentication and e-signatures. Digipass 865 is perfectly suited for environments with high security requirements including PKI/digital signatures, secure PIN verification, corporate network access, strong authentication (internet banking), e-commerce transactions, etc.

Digipass 865 can be delivered with a wide variety of applications including MasterCard CAP E, Visa Dynamic Passcode Authentication (DigipassA) and various domestic and proprietary schemes. The reader leverages the inherent security of chip cards to store secrets with cryptographic calculations for maximum efficiency.

See it before you sign it

Digipass 865 8-line display sets a new standard for e-signature and allows extended data field validation. The user can validate significant key data on his Digipass 865 display before he signs the transaction, which provides an additional level of security for electronic transactions in unsecure channels.

A cost effective solution

The intrinsic security of the smart card is combined with the flexibility of a reader to maximize your investment. Additionally, Digipass 865 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 number of helpdesk calls. Digipass 865 can help banks transition to strong authentication for retail banking cost effectively by leveraging their existing investment in EMV infrastructure.

A backward compatible solution

Digipass 865 can still behave as a transparent smart card reader for older applications that do not require the extra security features of Digipass 865. This provides a migration path to upgrade existing customer groups from a dated insecure system to a new advanced security system (PIN entry on the reader).

Easy deployment, installation and use

Digipass 865 is based on a CCID driver compliant with all popular operating systems such as Windows, Linux and MacOS.

Digipass 865 supports PC/SC version 2 PIN entry. Digipass 865 applications used in connected mode can be securely and remotely downloaded into the reader. Digipass 865 is USB powered when connected to a PC.

FEATURES	
OneSpan Class 4 reader	Connectable PIN pad reader with display
Display	High contrast, 128*64 dot matrix Up to 8 lines of min. 21 characters
Size	129 x 63 x 15 mm
Weight	109 g (batteries included)
Keypad	Tactile keypad with silicon rubber key printed with an epoxy layer. Resistant to over 100,000 rubbings. 10 numeric keys, 10 function keys
Battery	2 Replaceable AAA batteries

FEATURES	
Standards	<ul style="list-style-type: none"> • Mastercard CAP (2004, 2007) • Advanced Authentication for chip (CAP E, PLA) • CAP User interface specification- UK implementation (APACS) • VISA dynamic passcode authentication version 1.1 • German Sm@rt TAN • Belgian eID Card • Banksys Unconnected reader specification (BKS M.010 version 1.3) • Iso 7816 • USB 2.0 • PC/SC 2.01
Logo	Bank's logo can be printed on the reader. Color of the casing can also be customized
Operating systems	Windows 7, Vista, XP, Windows server 2003 and 2008, Linux, Mac OS 10.5 and above

COMPLIANCE		
Short 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	<ul style="list-style-type: none"> • 4 kV contact discharges • 8 kV air discharges • 3 V/m from 80 to 1000 MHz 	EN 61000-4-2 EN 61000-4-3



OneSpan enables financial institutions and other organizations to succeed by making bold advances in their digital transformation. We do this by establishing trust in people's identities, the devices they use, and the transactions that shape their lives. We believe that this is the foundation of enhanced business enablement and growth. More than 10,000 customers, including over half of the top 100 global banks, rely on OneSpan solutions to protect their most important relationships and business processes. From digital onboarding to fraud mitigation to workflow management, OneSpan's unified, open platform reduces costs, accelerates customer acquisition, and increases customer satisfaction.

CONTACT US

For more information:
info@OneSpan.com
www.OneSpan.com



Copyright © 2018 OneSpan North America Inc., all rights reserved. OneSpan™, Digipass® and Cronto® are registered or unregistered trademarks of OneSpan North America Inc. and/or OneSpan International GmbH in the U.S. and other countries. All other trademarks or trade names are the property of their respective owners. OneSpan reserves the right to make changes to specifications at any time and without notice. The information furnished by OneSpan in this document is believed to be accurate and reliable. However, OneSpan may not be held liable for its use, nor for infringement of patents or other rights of third parties resulting from its use. Last Update May 2018.