

HIGHLIGHTS

Digipass 810 provides a flexible, secure way to authenticate your users. Smart cards also provide an extra layer of security, because users must know a password or PIN and must have the actual card to gain access to your online services.

DIGIPASS 810

Digipass 810 is OneSpan's most popular EMV-CAP compliant smart card reader

Easy to Use

Cardholders simply insert their standard EMV chip card into Digipass 810, 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 can be used in conjunction with OneSpan Authentication Server Framework. For electronic payments, Digipass 810 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.

Cost-effective roll-out

Digipass 810 is a universal smart card reader that is ideal for mass deployments. The card 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. Digipass 810 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.

Low cost of ownership

The Digipass 810 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. DIGIPASS 810 allows banks to transition cost effectively to strong authentication for retail banking by leveraging their existing investment in EMV infrastructure.



FEATURES	
DIGIPASS 810 reader	Stand-alone PIN pad reader
Display	High contrast 80x16 dot matrix LCD
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

TECHNICAL SPECIFICATIONS		
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	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



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.

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