

## HIGHLIGHTS

Digipass 880 is a visual transaction signing solution combining a secure smart card reader with patented Cronto technology. It is designed to help financial institutions protect online banking services from sophisticated cyber threats while delivering outstanding user convenience.

# DIGIPASS 880

## Smart card reader with visual transaction signing for convenient and secure online transactions

### Strong security

Digipass 880 pairs a secure smart card reader with innovative Cronto technology to deliver the ultimate protection against sophisticated fraud schemes such as phishing, social engineering, banking Trojans, man-in-the-middle (MITM) and man-in-the-browser (MITB) attacks.

### Exceptional user convenience

Visual transaction signing enhances convenience for users by reducing the level of interaction required. As all transaction data are captured by scanning a Cronto image, and no transaction details need to be typed in manually on the device. The color display highlights important transaction data, while the touch screen ensures an intuitive user experience.

### What you see is what you sign

Critical transaction information including payment details are encrypted and automatically presented on the Digipass 880 color display for visual verification, ensuring that the transaction has not been tampered with.

### How it works

Digipass 880 utilizes a unique visual challenge contained in a Cronto image, offering strong protection against threats as well as an intuitive experience for users:

1. The user enters transaction details into online banking application.
2. Details of the transaction are encrypted and presented via a Cronto image on the user's computer, mobile phone or tablet.
3. The user inserts a smart card and enters PIN on the touch screen.
4. After PIN verification, the user "scans" the image with the Digipass 880 built-in camera
5. Digipass 880 instantly decrypts the transaction details and presents on the color display for user verification.
6. Once verified by the user, a signature is generated on the Digipass 880, which the user enters into online banking application in order to confirm the transaction.



## Easy to deploy

Digipass 880 is ideally suited for large deployments with high security requirements, since it is a non-personalized device that does not need to be manually assigned to a user. Digipass 880 is ready to use out of the box and doesn't require the installation of additional software or drivers.

## Customizable design

Digipass 880 is customizable, and can be enhanced with your organization's logo, branding and custom colors.

PRODUCT SPECIFICATIONS	
OneSpan Class 4 Reader	Unconnectable touch pad reader with display
User Interface	1,77 in. TFT color (128*160 dots) touch screen
Camera	Camera with live video streaming (640*480)
Smart Card Interface	ISO7816, T=0, T=1 Frequency up to 4 Mhz Supports ISO 7816 Class A and B smart cards(in option) 10,000 smart card insertions Embossed smart card supported
Size L*W*T	82,5 * 60 * 15,8 mm
Weight	Without batteries <43 g. With batteries <65g
Keypad	touch screen resistant to over 100,000 rubbings
Replaceable Battery	2 AAA replaceable batteries Expected lifetime 5 years
Standards	<ul style="list-style-type: none"> <li>• Mastercard CAP (2004, 2007)</li> <li>• VISA dynamic passcode authentication version 1.1</li> <li>• German sm@rt TAN</li> <li>• EMV2000 LEVEL 1</li> </ul>
Logo Customization	Bank's logo can be printed on the reader Color of the casing can also be customized

1. Depending on the smartcard used and the transaction.

## COMPLIANCE SPECIFICATIONS

Short Term 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 <sup>2</sup>	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	2004/108/EC (EMC directives) 2002/95/EC (RoHS directive) 2002/96/EC (WEEE directive)	

\* Batteries should be stored at temperatures between 50°F (10°C) and 77°F (25°C), with relative humidity not exceeding 65 percent. Refrigeration of alkaline batteries is not necessary because of their very good capacity retention. Excessive temperature cycling and storage at temperatures greater than 77°F (25°C) should be avoided to maximize shelf life.



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

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