DIGIPASS 760

A visual transaction signing solution for convenient secure online banking

DIGIPASS 760 is a patented visual transaction signing solution targeted towards online banking services. Its innovative technology is a simple, user friendly and effective way to withstand even very sophisticated attacks by Trojan malware.

Online transactions are scrutinized by hackers who want to turn the e-transaction to their benefit. Fraud schemes are becoming more and more sophisticated, such as man-in-the-middle and man-in-the-browser attacks. Banks are therefore increasingly adopting defense mechanisms using electronic transaction signing. VASCO Data Security is a leading provider of strong authentication solutions, helping financial institutions and other organizations worldwide to effectively combat online fraud. VASCO's solutions help financial transactions to ensure the authenticity of transactions while authenticating the users who initiate them.

DIGIPASS 760 is an innovative authentication device that protects online banking services against malicious attacks by allowing the bank to establish a secure optical communication channel with the client. As it is a standalone device that is not connected with the computer or network, security threats and portability issues are eliminated.

CRONTOSIGN IMAGE

DIGIPASS 760 works with a patented technology whereby a CrontoSign image is displayed on the bank's website. This graphical cryptogram consists of a matrix of colored dots which are displayed on the end-user's screen. Account holders can simply "scan" the image with DIGIPASS 760 and verify the transaction details on a trusted display.

HOW DOES IT WORK?

DIGIPASS 760 utilizes a unique visual challenge contained in a graphical cryptogram. Account holders enter their transaction details on the bank's website. These details are then encrypted and presented as a graphical cryptogram on the user's computer or tablet. Users simply "scan" this image with the DIGIPASS 760's built-in camera. The DIGIPASS 760 instantly captures and decrypts the colored cryptogram and the transaction details are presented on the DIGIPASS color display for user verification. A signature is then generated on the DIGIPASS 760 which the user enters on the bank's website to confirm the transaction.

DIGIPASS 760 enhances user-convenience by reducing the level of user interaction when signing Internet transactions. Through the built in camera; encrypted data from the PC display are automatically transferred to DIGIPASS 760. The colored display offers an added visual convenience. The optical interface does not require any software or driver to be installed on the end user's PC.

WHAT YOU SEE IS WHAT YOU SIGN

DIGIPASS 760 offers an ultimate user experience with its WYSIWYS feature. The solution is ideally suited for banks looking to use e-signatures to secure online transactions without compromising on user-friendliness. The user doesn't need to type any transaction details into the device as all data are captured throught the CrontoSign image.

The two-step activation makes this device easy to deploy as it can be distributed without containing any DIGIPASS secrets. The user simply activates his DIGIPASS with the activation code which is sent to him by mail and then registers his device online by capturing the CrontoSign activation code.

DIGIPASS 760 also offers the possibility of free text delivery. As such DIGIPASS 760 is a future proof devices as it allows banks to add different applications in the future.
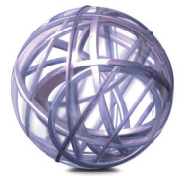
TECHNICAL SPECIFICATIONS

Display	1,77 in. TFT color display (160 x 128 dots)
Camera	Camera with live video streaming (640x480)
Size	80,5 mm (L); 51,5 mm (W); 8,3 - 13 mm (H)
Weight	66 gr (incl. batteries)
Languages	Multilanguage support
Battery	3 replaceable AAA-batteries

CERTIFICATION AND 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 55024
Compliant with European directives	CE: 89/336/EEC or 2004/108/EC RoHS: 2002/95/EC WEEE: 2002/96/EC	
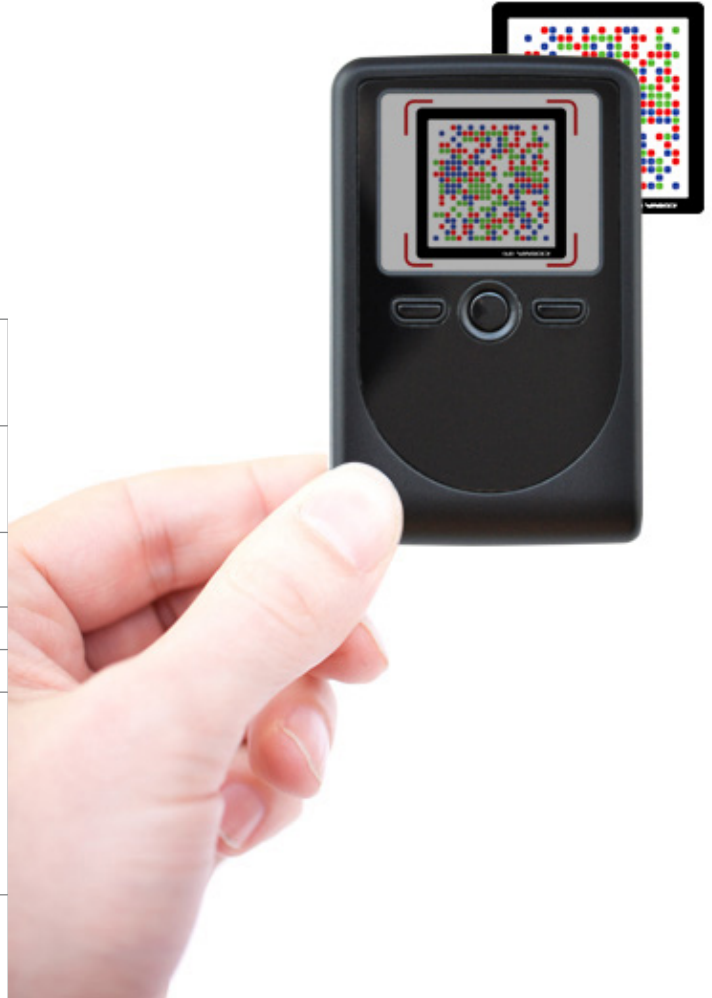
About VASCO

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 patented DIGIPASS®, DIGIPASS PLUS®, 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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