

Digipass[®] 770



Datasheet

Digipass 772, powered by patented Cronto[®] technology, delivers strong, hardware-based protection for online transactions while keeping the user experience simple and intuitive. Its visual verification process ensures transparency and data integrity, while its simplified activation and deployment make it ideal for large-scale rollouts requiring both strong protection and user convenience.

Uncompromising security

Digipass 770 delivers robust protection against today's most sophisticated online fraud techniques, including phishing, social engineering, and banking Trojans, as well as adversary-in-the-middle (AitM) and adversary-in-the-browser (AitB) attacks.

Each transaction is validated through a unique cryptographic transaction signature, generated using key details such as account number, amount, or other data defined by the bank.

This ensures data integrity and authenticity. Any alteration made after signing immediately renders the transaction invalid.

Time-based OTP and Cronto visual transaction signing

Digipass 770 is equipped with an internal real-time clock, enabling both time-based OTP generation and Cronto visual transaction signing in a single device.

This dual capability allows banks with existing OTP infrastructures to transition smoothly to Cronto's advanced signing

technology while maintaining backward compatibility.

The built-in OTP mode also serves as a reliable fallback—users can manually sign a transaction or securely interact with the bank (for example, during helpdesk contact) when scanning a Cronto image is not possible.

What you see is what you sign

With Cronto[®] visual signing, all critical transaction information is encrypted and displayed securely on Digipass 770's color screen. Users can easily verify the full details before confirming, ensuring the transaction has not been tampered with.

This What-You-See-Is-What-You-Sign (WYSIWYS) capability provides complete transparency and confidence, delivering strong protection without compromising usability.

How it works

Digipass 770 is a non-personalized device, simplifying mass distribution and activation. Users activate their device using a secure code delivered via letter or email and complete registration by



Highlights

Exceptionally convenient

- No manual data entry. No confusion. Users simply scan a Cronto image with the built-in camera of Digipass 770, instantly displaying the full transaction on screen. What you see is what you sign, literally.

Mitigate fraud

- Combat sophisticated threats and deliver the most optimal combination of usability, security and cost of ownership by allowing users to verify and sign transactions anytime, anywhere.

capturing a Cronto activation image. No IT intervention or in-person setup required. This model enables fast, large-scale rollout and reduces administrative overhead for banks and enterprises.

How it works

- 1. The user initiates a transaction on the online banking platform.
- 2. Transaction details are encrypted and shown as a Cronto image on the user’s screen.
- 3. The user scans the Cronto image using the built-in camera of the Digipass 770.
- 4. The device decrypts the transaction and displays all details for review.
- 5. The user confirms the transaction by entering a PIN on the keypad.
- 6. Digipass 770 generates a unique transaction signature, which the user enters on the banking site to finalize the operation.

This process ensures only the intended transaction is approved and that any hidden modification is detected and blocked.



CERTIFICATION AND COMPLIANCE		
Short-term Storage Temperature	-10°C to 50°C 90% RH non-condensing	IEC60068-2-78 (damp heat) IEC60068-2-1 (cold)
Operating Temperature	0°C to 45°C 85% RH non-condensing	IEC60068-2-78 (damp heat) IEC60068-2-1 (cold)
Vibration	10 to 75 Hz 10 m/s²	IEC60068-2-6
Drop	1 meter	IEC60068-2-31
Emission		EN55032
Immunity	4 kV contact discharges 8 kV air discharges 3 V/m from 80 to 1000 MHz	EN55024
Compliant with European Directives	CE: 89/336/EEC or 2004/108/EC RoHS: 2002/95/EC WEEE:2002/96/EC	

TECHNICAL SPECIFICATIONS	
Size	90.22 mm (L) x 42 mm cm (W) x 16,88 mm (H)
Weight	32 g (without batteries)
Display	1,77 in. TFT color display (128 x 160 dots)
Camera	Camera with live video streaming (640x480)
Languages	Multilingual support
Battery	2 replaceable AAA-batteries*

* The device must not be used with USB rechargeable batteries

About OneSpan

OneSpan is a global leader in digital security, trusted by thousands of enterprises across 100+ countries—including more than 60% of the world’s 100 largest banks—to safeguard digital accounts, secure financial transactions, and prevent fraud. Our award-winning solutions provide passwordless authentication, digital transaction security, and advanced mobile application protection, helping organizations meet the highest security standards and global compliance requirements. As cyber threats grow more sophisticated, OneSpan delivers cutting-edge technology to safeguard customers, mitigate risks, and ensure trust in every digital interaction.

Learn more at
OneSpan.com/security

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