



EZIO Pico

Securing eBanking and eCommerce

- > Ultra compact design
- > Simplicity of use with direct access to functions
- > OTP generation, Challenge/Response, Transaction data signing
- > Support of HMAC-SHA1 and HMAC-SHA256 OCRA OATH algorithm
- > Configurable PIN and PUK function

EZIO Pico



From your perspective

You want to migrate from static passwords or OTP solutions to Challenge/Response and Transaction signing, while giving your customers a secure and simple way to shop or bank online?

Ezio Pico is a compact token that combines convenience with strong authentication and transaction data signing. It will increase the security of your solution while preserving the Total Cost of Ownership and guaranteeing the highest level of customer acceptance.

How it works

To sign a transaction:

1. Press OK to start the device
2. Enter your PIN code + OK
3. Press 3 (sign) and enter the data to be signed + OK
4. Ezio Pico displays the signature to be entered on the bank's website
5. The authentication server of the bank validates the signature
6. Your transaction has been successfully signed

Authentication and transaction signing

Ezio Pico has a number of enhanced features enabling strong authentication and signature for online banking channels. It has 3 signature fields of 0 to 16 digits allowing for secure Transaction Data Signing. Ezio Pico is highly scalable and fully compliant with the OATH standard - adapted to fit any bank's business needs.

Part of the Ezio Suite

As part of Gemalto's versatile Ezio Suite, Ezio Pico fits perfectly in any bank's security lifecycle. It can easily be integrated with your existing back-end solution thanks to Ezio Toolkit, the OATH authentication and signature verification software library. Ezio Pico is also supported by Ezio Server, the Gemalto multi-channel authentication server able to manage all major authentication technologies, simultaneously. It can easily be accompanied by your choice of complementary products and services.

TECHNICAL SPECIFICATIONS

Size and Weight

- > 70.1 mm * 44 mm * 3.4 mm
- > ~ 15 g

Temperature

- > Operating: +0° to +40° C
- > Storage: -10° to +50° C

Customization

- > Logo
- > Front panel
- > Function buttons

Display

- > 1 line of 8 numerical digits with graphical symbols

Keypad

- > 10 numerical keys, 1 confirmation key, 1 correction key. Numerical key '1', '2' and '3' can be used as function keys

Battery

- > 1*CR2016 no mercury, no lead, no cadmium.
- > Over 5 years lifetime

Compliance to standards

- > Compliant with OATH standard: TOTP, OCRA Challenge/Response and OCRA Signature
- > PSKC personalization data format

Environmental status report

- > WEEE/EC directive 94/62
- > Safety and environmental compliance to European directives
- > ROHS compliant