



**Gemalto  
Signing Reader**

Securing eBanking and eCommerce  
with your payment card



# Gemalto Signing Reader

## Securing eBanking and eCommerce with your payment card

### From your perspective

You want to safeguard your customers as they bank and shop online. That means finding a solution that is not only secure but also easy to implement, smoothly adopted by your customers and that you can trust to carry a positive image of your brand.

Gemalto Signing Reader is a highly portable smart card reader using the payment card to authenticate and sign transactions

### How it works

#### To login to your accounts:

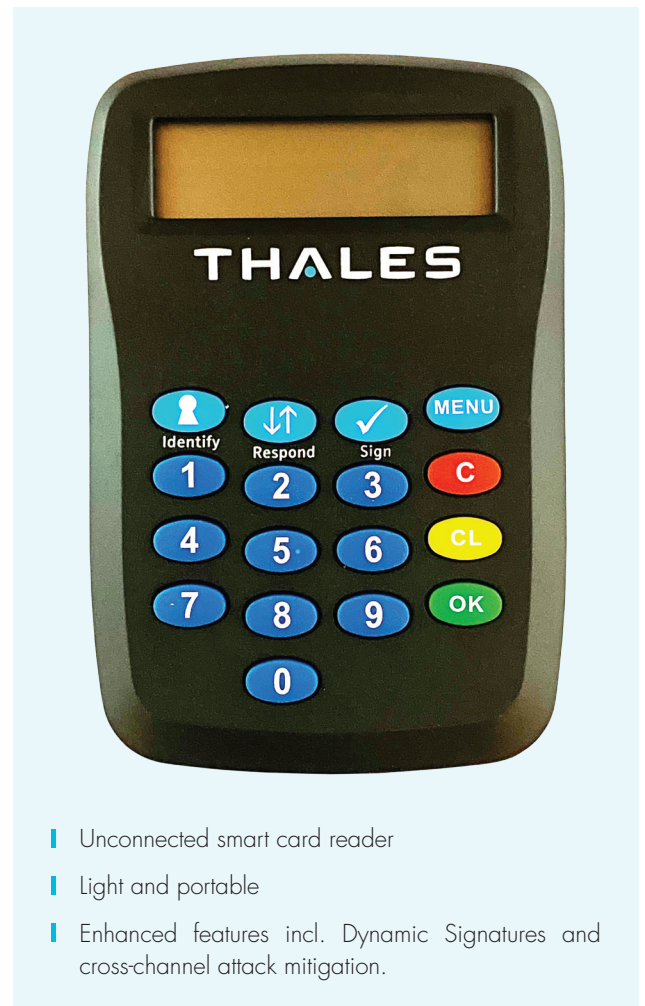
1. Insert your payment card into the card slot .
2. Press the Login function button and enter the challenge value provided to you on the financial institution's web page.
3. Enter your PIN and the reader displays a response code (one-time-password).
4. Enter the response code on the web page and the verification server at the financial institution validates the code and allows access.

### Enhanced features

Depending on the risk level of any given transaction, Gemalto Signing Reader can display contextual dialogs, making the customer more involved in the signing process. This dynamic approach allows the reader to scale up security when it matters most. The use of 4 function buttons mitigates cross-channel attacks and increases awareness of what the customer is doing.

### Part of our digital banking suite

Gemalto Signing Reader offers a great balance between security, convenience and total cost of ownership for banks that are already deploying chip-enabled banking cards based on the EMV/CAP standard. As part of our versatile digital banking suite, the device fits perfectly in any financial institution's security infrastructure. It can easily be accompanied by your choice of complementary products and/or services.



- Unconnected smart card reader
- Light and portable
- Enhanced features incl. Dynamic Signatures and cross-channel attack mitigation.

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### Technical specifications

#### Size and weight

- | 98 mm \* 65 mm \* 10 mm
- | Weight: 50 g

#### Enhanced features

- | Dynamic signatures (DS)
- | Secure domain separation (SDS)
- | Response code zoom feature

#### Customisation (appearance)

- | Casing colours
- | Logos
- | Keys colours
- | Front panel

#### Customisation (functional)

- | DS/SDS support
- | Currencies
- | Dialogues texts
- | Language (Up to 4)

#### Display

- | 2 lines of 12 characters

#### Compliance to standards

- | Mastercard CAP 2007
- | Visa DPA 2005
- | Mastercard PLA 2010 (Upon request)
- | APACS

#### Battery

- | 2\*CR2032
- | No mercury, no lead, no cadmium
- | Replaceable

### Environmental status report

Gemalto Signing Reader is part of our continuing environmental progress using our eco-design principles with the following features to reduce environmental impact:

- | Casing made of Second life plastic
- | Compliant with ROHS and WEEE



### Go green with Second life plastic

To support sustainability strategies and meet rising consumer demands for green and responsible alternatives, the casing of the Gemalto Signing Reader can also be made of recycled ABS plastic. We call this initiative Second life plastic, and it reduces greenhouse gas emissions by 50% of the entire outer case of the device compared to using virgin ABS plastic. Switching to recycled plastic reduces plastic leakage to both our land and water ecosystems and is an important step in fighting plastic pollution on a global level. To avoid additional impact of materials, processes and energy needed to change the colour of the plastic, the recycled casing is only available in black. All our devices made with Second life plastic are carbon neutral since we also support external reduction projects to compensate for the remaining emissions.



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Building a future we can all trust

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