

Gemalto SWYS USB Reader

Securing eBanking and eCommerce
with your payment card



Gemalto SWYS USB Reader

Securing eBanking and eCommerce with your payment card

- | MasterCard Secure Channel (SC)
- | Dynamic signatures (DS)
- | Secure domain separation (SDS)
- | Sign what you see (SWYS)
- | Support PKI operations with Secure PIN Entry Support
- | Firewall mechanism, protects the card from unauthorised access



Technical specifications

Size and weight

- | 102 mm * 64 mm * 14 mm
- | Weight: 65 g

Customisation

- | Logos
- | Keypad (labels and colours)
- | Casing colour

Display

- | 4 lines of 17 characters

Compliance to standards

- | MasterCard PLA2010
- | MasterCard SC2010
- | Visa DPA
- | PC/SC 2.01 Secure PIN entry
- | USB 2.0

Battery

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

Gemalto SWYS USB Reader

Securing eBanking and eCommerce with your payment card

From your perspective

You want to secure both your corporate users that are performing transactions with large sums, and your customers that check their accounts from anywhere. Gemalto SWYS USB Reader enables you to use both EMV or PKI technology for secure ebanking.

Gemalto SWYS USB Reader is a connectable smart card reader that fits all your needs.

State-of-the-art security

Gemalto SWYS USB Reader has the same features as an unconnected reader, and supports enhanced features regarding signing transactions.

When connected, it can act as a transparent PIN-pad reader and as a Sign-What-You-See reader, directly linked to the financial institution system via a secure connection. Gemalto SWYS USB Reader has a large display which improves the Sign-What-You-See functionality.

How it works

To sign a transaction in connected mode with the payment card inserted in the device:

1. The device will display the selected amount and account
2. Confirm each data
3. Enter your PIN and press the OK button. The transaction is signed using Sign-what-you-see.

Part of our digital banking suite

Gemalto SWYS USB 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/PLA_SC standard. As part of our versatile digital banking suite, the device fits perfectly in any financial institution's security infrastructure. It can also easily be accompanied by your choice of complementary products and/or services.

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 SWYS USB 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.



THALES

Building a future we can all trust

> [Thalesgroup.com](https://www.thalesgroup.com) <



© Thales 2020. All rights reserved. Thales, the Thales logo, are trademarks and service marks of Thales and are registered in certain countries. 20 November 2020.