

ypsID E4

User Manual

YPSID E4 PRESENTATION

→ Dual interface token:

- USB
- and contactless

→ Mobile and contactless payment

→ E-banking / E-commerce

→ Based on a 2 chipsets architecture.

→ The main chipset is a certified dual interface smart card chipset.

→ The front chipset called the *Bridge Module (BM)* provides:

- the USB device interface to communicate with the host (typically a PC or a MAC) ,
- an ISO master interface to connect the second chipset, the Crypto Module.



MOBILE INTERNET (CONTACTLESS)

→ Mobile internet (on Smartphone, tablet, etc.)

- Online authentication (PKI based)
- Online signature (PKI based)

→ All transactions steps are strengthen:

- Authentication
- Confidentiality
- Signature

→ In this use case, the user has to follow the instruction displayed by the phone application.



CONTACTLESS PAYMENT

→ Mobile and contactless payment

- MC and Visa Mobile
- MC PayPass and Visa PayWave

→ **When the user wants to realize a transaction, he just has to present the token to the RFID payment terminal.**



HOME E-BANKING (USB)

→ Home E-banking / E-commerce through USB interface

- Online authentication (PKI based)
- Online signature (PKI based)

→ All transactions steps are strengthen:

- Authentication
- Confidentiality
- Signature

→ The user just has to follow the instruction displayed by the website interface (PIN writing...)



FCC NOTE:

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.