



EMPORIO



Smart

www.card-tech.it



the smart card evolves
and becomes safer



PinKey™ Smart the new biometrical smart card

This state of the art smart card provides the integration of a security biometrical device (fingerprint sensor) on a traditional smart card with a microprocessor and a battery.



the applications

PinKey™ Smart

can be personalized on the needs of different markets.

Example applications:

- automatic teller (ATM)
- credit cards
- prepaid cards
- home banking
- electronic payment services
- service distribution on line
- fidelity cards

PinKey™ Smart

physically safe and robust, it satisfies the need of protection of identity and ensures greater privacy of the citizens.

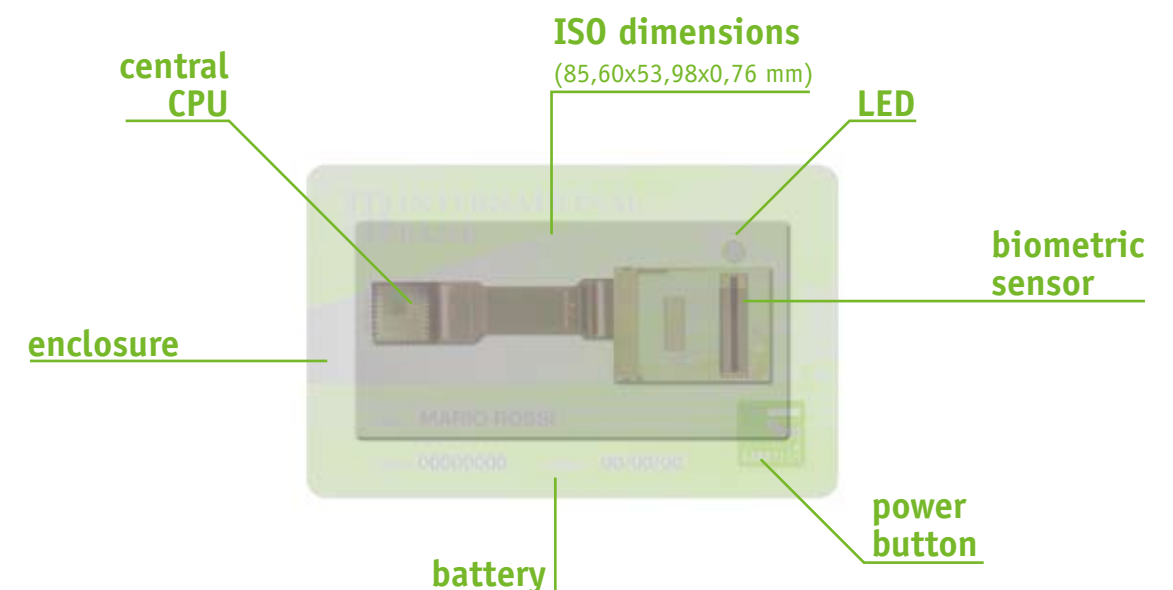
There is a product range customizable for international organisations and governments:

- national ID's
- electronic vote
- health services

PinKey™ Smart

therefore answers the necessary security needs of multiple WEB uses in comfort and simplicity from home, from the office or in travel. Used by a PC on line and a smart reader, you to carry out the following security services:

- access-control
- on line certifications
- digital signature



the pluses

A number of international patents protect **Pinkey™ Smart** from similar projects with biometric fingerprint recognition (mobile devices, smart cards etc). In the current state of technology there are applications with a combination of biometric sensing and microchips, but the task of recognition does not happen within the same support as in the case of **Pinkey™ Smart**. To be used by banks, credit institutions, government agencies and companies will provide levels of security and privacy which are difficult to obtain with the same ease and level of costs, both for the user and the issuing body.

With the protection of the fingerprint, no one can access the card without the owner's consent, this provides the following advantages:

- ease of use
- high security
- greater privacy
- compatibility with current ISO 7810-ID1 standard
- possibility to avoid identity thieves, cloning, frauds
- insurance cost reduction
- significant reduction of the costs related to fraud

integration and development

Pinkey™ Smart, the biometric smart card, will comply with the standards ISO 7810 ID-1 and ISO 7816. It is therefore compatible with ISO smart card readers present on the market. The difference is "under the bonnet" of the card, where the biometric sensor is positioned. The device remains outside the reader and is activated at the same time of the transaction.

Present payment systems currently have the capability to verify "POS> CARD" on line. **Pinkey™ Smart** aims to certify the true identity of the owner of the card with the "POS> CARD> REAL HOLDER" control, increasing on-line and off-line transactions security.

