



ZWIPE ID

ENHANCING SECURITY OF CONTACTLESS CREDENTIALS WITH ON-CARD FINGERPRINT TECHNOLOGY

Zwipe ID is the world's first fingerprint-activated contactless card. Only after activation by a fingerprint scan will the card allow communication with a contactless reader. Zwipe ID is the natural evolution of the smart card providing 100% on-card fingerprint scanning and matching. Zwipe combines the security of biometric authentication with the speed and convenience of contactless credentials.

PROVEN & RELIABLE TECHNOLOGY

Delivers consistent and accurate fingerprint reads in less than 1 second

SECURE

Unique to the cardholder, only the card owner can activate card communication with the reader.

SAFE

Biometric data is stored on the card, eliminating the need to manage and secure an external database.

DURABLE

Strong and resistant to cracking or breaking

COST-EFFECTIVE

On-card authentication provides easy path to upgrade security without upgrading readers.

KEY BENEFITS

Directly addresses unauthorized card use and eliminates threat of lost cards.

Secure and intuitive biometric 2-factor authentication, without upgrading readers.

Compatible with many ISO14443 RF readers.

On-Card fingerprint touch sensor with 3D capacitive technology for superior imaging.

Supports PIN-based systems allowing for 3-factor authentication.

Addresses privacy concerns with on card biometric data storage.



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Solutions	13,56 MHz Logical Access or Physical Access solutions
Power Source	Real time reader RF-field energy harvesting from contactless reader
Dimensions	85.6mm x 54mm x 0,8 mm (LxWxH) 3.370 in x 2.125 in x .031 in (LxWxH)
Form Factor	ISO7810 ID1 format / CR80
Construction	PVC
Fingerprint Enrollment	Direct on-card
Operating Temperature	(-20° to 40° C) (-4° to 104° F)
Supported Transponders	Mifare® Classic, DESFire™ EV1 other contactless transponders are available on request
Status Indicators	Green & Red LED lights
Fingerprint Sensor	3D capacitive array with ESD protection.
Fingerprint Verification Time	Dependant on power output from reader
Users Per Card	Standard Chip Personalization Procedures
Application Programming	Standard programming procedures
Card Body Printing	Transfer Printing, Thermal or Laser