



ZWIPE PAYMENT

COMBINING SECURITY OF FINGERPRINT BIOMETRICS WITH STANDARD EMV TRANSACTIONS

Zwipe Payment is the World's first fingerprint-activated dual interface payment card. Only after activation by a fingerprint scan will the card allow payments on standard contactless or contact chip EMV POS terminals, the fingerprint never leaves the card. Zwipe Payment eliminates the risk of lost or stolen payment cards, and it combines the security of biometric authentication with the speed and convenience of EMV payment cards.

PROVEN & RELIABLE TECHNOLOGY

Delivers consistent and accurate fingerprint reads

SECURE

Unique to the cardholder, only the card owner can activate card communication with EMV POS terminals

SAFE

Biometric data is stored only on the card, user carries their fingerprint, and fingerprint data is never transferred out of the card.

DURABLE

Strong and resistant to cracking or breaking

EMV INFRASTRUCTURE COMPATIBLE

Fingerprint authentication required before standard EMV transactions are initiated, no changes required to EMV infrastructure.

KEY BENEFITS

Directly addresses unauthorized card use and reduce fraud related to lost or stolen cards.

Eliminates the need for PIN codes. Just, touch the scanner and hold it up to the payment terminal.

Compatible with contactless & contact chip EMV POS terminals.

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

No battery inside, powered only over RF fields of EMV POS terminals.

Addresses privacy concerns with on card biometric data storage



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POWER SOURCE	Real time reader RF energy harvesting from standard contactless EMV POS
FORM FACTOR	ISO7810 ID1 format
DIMENSIONS	85.6mm x 54mm x (0,78 to 0,84 mm) (LxWxH) 3.370 in x 2.125 in x (.030 to .033 in) (LxWxH)
CONSTRUCTION	PVC (+1000 bent & torsion tests compliant)
SUPPORTED PAYMENT CHIPS	SLE78 (Other contactless chips are available on request)
OPERATING TEMPERATURE	(-20° to 60° C) (-4° to 140° F)
STATUS INDICATORS	Green & Red LED lights
FINGERPRINT ENROLLMENT	Direct On-Card / Branch Enrollment (Other scenarios dependent on Card Manufacturer & Issuer requests)
FINGERPRINT SENSOR	3D capacitive array with ESD protection & Protective Bezel
FINGERPRINT VERIFICATION TIME	Dependant on fingerprint quality – approximately 1 sec
USERS PER CARD	1
CHIP PERSONALIZATION	Standard Chip Personalization Procedures
CARD BODY PRINTING	Transfer Printing, Thermal or Laser (Does not support embossing)