



Secure

Fast

Easy

Zwipe Access



ENHANCING SECURITY OF CONTACTLESS CREDENTIALS WITH ON-CARD FINGERPRINT TECHNOLOGY

Zwipe Access is a versatile fingerprint-activated contactless credential working seamlessly with existing 125kHz or 13.56MHz infrastructure, without upgrading or replacing any readers or backend systems. Only after activation by a fingerprint scan will the card allow communication with a reader. 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 1 second

SECURE

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

PRIVACY ENHANCING & SAFE

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

DURABLE

Strong and resistant to cracking or breaking

COST-EFFECTIVE

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

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 13,56 MHz and 125 KHz 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

Zwipe Access

LED SIGNALS

LEDs	Pattern	Meaning
Green & Red	3 * 0,5 sec.	Enrollment / Programming
Green	0,5 sec. blinks	Ready for Finger
Green	10/sec. flashing	Card processing
Green	Solid 1 sec	Good Capture
RED	Solid 1 sec	Bad Capture, try again
Green	Solid 5 sec	Enrollment Complete/ Authentication Complete ready for transaction
No LED	N/A	Lift Finger
Red then Green	4 * 0,5 sec alternate	Battery Low Power Indicator



SPECIFICATIONS

Power Source	CR2032 Replaceable battery
Form Factor	Clamshell design with slot for lanyards
Dimensions	85.6mm x 54mm x 8 mm (LxWxH) 3.370 in x 2.125 in x .31 in (LxWxH)
Weight	21g (0.74 oz)
Operational Frequency	125kHz & 13.56 MHz
Certifications & Approvals	CE & FCC
Supported RF Transponders	HID 125 kHz and HID iClass® compatible, Atmel 5577, Mifare® Classic, DESFire™ EV1, Legic Advant * other contactless transponders are available on request
Construction	PVC
Operating Temperature	(-20° to 40° C) (-4° to 104° F)
Status Indicators	Green & Red LED lights
Fingerprint Enrollment	Direct on-card
Fingerprint Sensor	3D capacitive array with ESD protection. Test to 10 million scans
Fingerprint Processing Time	1 sec
Users Per Card	One