# zwipe

## CONTACTLESS SMART CREDENTIAL WITH ON- CARD FINGERPRINT TECHNOLOGY

### Secure , Fast , Easy

Biometric technology at your fingertips.
No external databases, all personal data remains on the card. Only the owner can activate the card, which then sends standard signals to the host system.

Programmable contactless biometric communication 14443 desfire ev1 and mifare classic compatible.

- **RELIABLE TECHNOLOGY**
  Offering consistent fingerprint reads with every use.

- **SECURE**
  Unique to the user, only the owner can activate the card communication with the reader.

- **DURABLE**
  Strong and resistant to cracking and breaking.

- **COMPATIBLE**
  Works with nearly all existing 14443 readers.

- **EFFICIENT**
  Providing an easy, low cost biometric upgrade path for existing access control systems.

- **PRIVACY**
  Fingerprint data is stored on the card, not in any external database.

- **PROGRAMMABLE**
  Standard NFC 14443 technology programming procedures.

**Features:**

- On-card fingerprint scanner with 3D capacitive technology.

- Universal compatibility with all ISO 14443 readers.

- Secure template management, the fingerprint never leaves the card.

- Only the owner can operate Zwipe cards.

- Quickly reads in less than one second.

- Easy to program.

## SPECIFICATIONS

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|---|---|
| **Dimensions** | 8.518 cm × 5412 cm × 0.5 cm (L×W×H)<br>3.35354" × 2.13071" × 0.19685" (L×W×H) |
| **Weight** | 21 grams<br>0.740753oz |
| **Frequency** | 13.56MHz |
| **ISO standard** | ISO 14443 |
| **Construction** | Plastic (casing), Cu (plating),<br>FR4 (pre-impregnated resin fiberglass) |
| **Operating temperature** | -20°C to 40°C<br>-4°F to 104°F |
| **Baud rate (data transfer)** | Up to 848 kbit/s -> up to 848 kBd |
| **Warranty** | 3 years |