

Precise BioMatch™ Smart Card 4



- A highly convenient RFID card with Mifare interface
- Increased security – multi-factor authentication identifies people, not just PINs
- Preserved privacy – no database of fingerprint templates required
- Easy integration and short time-to-market
- Supports Precise BioAccess™ 200 system for physical access control

Contactless cards using RFID are ideal for rapid and convenient physical access control usage. In combination with biometrics, the right to enter a building is tied to the real person - not just a card, PIN or key. The cardholder's privacy remains intact because the fingerprint is not stored, or matched, in a database outside the individual's control. The fingerprint information is stored on the personal data carrier, the card, and the match is done in the secure and contained environment of the Precise BioAccess™ 200 reader.

The Precise BioAccess™ 200 system offers flexibility and scalability, as it can be adapted to different user scenarios depending on time of the day, flow of people, and security needs.



Precise BioMatch™ Smart Card 4

PRODUCT FEATURES

- Use with Precise BioAccess™ 200 physical access control system
- Supports multi-factor authentication using fingerprint, contactless Mifare, and PIN
- Easy integration and short time-to-market
- Magnetic stripe

SPECIFICATIONS MIFARE 4K RFID CHIP

Interfaces

- Contactless transmission of data and supply energy (no battery needed)
- Operating distance up to 100 mm
- Operating frequency: 13.56 MHz
- Fast data transfer: 106 kbit/s
- Contactless ISO/IEC 14443A

Security

- Mutual three pass authentication (ISO/IEC DIS9798-2)
- Data encryption on RF-channel with replay attack protection
- Unique serial number for each card

All specifications can be subjected to change without notice

