







IDX3410 FINGERPRINT SENSOR SMART CARD BIOMETRIC MODULE

BENEFITS

-  FLEXIBLE
-  DURABLE
-  OFF-CHIP TECHNOLOGY
-  NO BATTERY
-  STRONG BIOMETRIC PERFORMANCE
-  ON-CARD ENROLLMENT SUPPORT

APPLICATIONS



PAYMENT



ACCESS



ID

PRODUCT OVERVIEW

IDX3410 is a complete biometric system which enables a fingerprint image to be captured and matched against an enrolled template stored within the card, providing a simple “match/no match” result.

The innovative technology in IDX3410 enables a flexible, durable sensor to scan the fingerprint, combined with an image capture ASIC, MCU for post-processing and power management circuitry. The large sensing surface in IDX3410 enables high security whilst delivering an incredibly user-friendly experience. IDX3410 also integrates seamlessly into existing POS terminals and is designed for simple, reliable integration into a card cavity.

Our unique remote enroll solution allows end-users to enroll their fingerprints on-card, without a terminal or reader. This dramatically increases scalability and usability by enabling end-users to enroll anywhere at any time.

FEATURES

- Turnkey Biometric Match Module
- Proprietary On-Card Enrollment
- Simple and Complex inlay processes
- Supports “finger down on power-up” usage case
- Sensor Active area: 9mm x 9mm
- IDEX proprietary matcher
- 2 GPIOs enable customers to incorporate LEDs into their cards to enable user transaction feedback
- 6-wire interface: I2C, 2xGPIO, PWR, GND
- Power supply: 2.7-5V
- ISO /IEC 7816, 10373, 7810 ID1 compliant

