

FPrfid-S50-1

Fingerprint Mifare S50 RFID Card, Passive Power

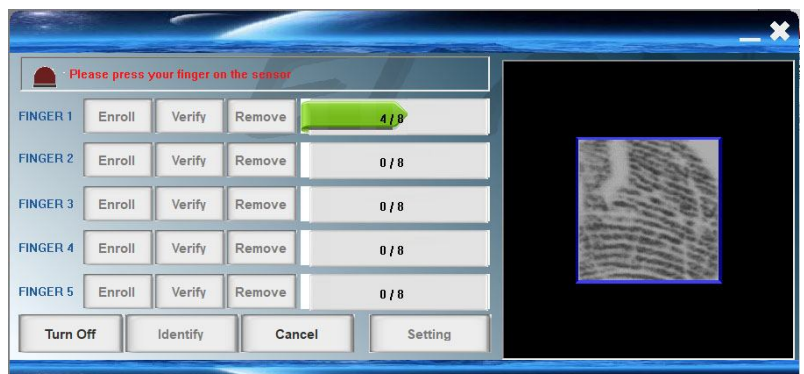
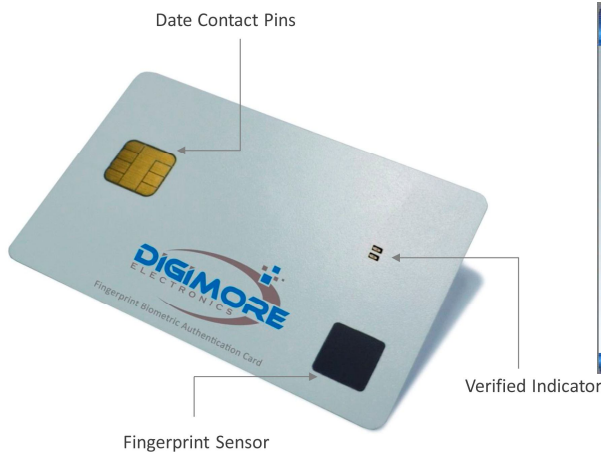


FPrfid-S50-1 without built-in battery is a powerful 13.56Mhz Mifare S50 RFID card built-in capacitive fingerprint sensor with MCU embedded recognition algorithms. The Cermet-like coating of fingerprint sensor provides up to 6H hardness and protects sensors against scratch, impact, and daily wear-and-tear. It can be widely applied in various fields such as access control systems, locks, and safes, high-level security applications. With the software of fingerprint enrollment, the administrator can easily manage finger enrollment.

| SPECIFICATION | |
|-------------------------------|---|
| Mifare RFID Card | |
| Card Size | 85.6 (L) x 54 (W) x 0.84 ~ 0.9 (T) mm |
| chipset | Philips MF1 IC S50 |
| Frequency | HF 13.56Mhz |
| Card Material | ABS, PVC, PET as requested |
| LED Indicators | 2 LEDs, red indicates power on; green indicates fingerprint recognition |
| Card Warping/ Curl Test | Compliance ISO/IEC 14443-1 4.3.3, ISO/IEC 10373-1 5.8 |
| Capacitive FingerPrint Sensor | Charger for Fingerprint RFID Card |
| Resolution / Sensing Area | 508 DPI / 8 x 8 mm or 160 x 160 pixel |
| Sensor Type | Capacitance Type |
| Supply Voltage | Passive power supplied from RfiD card reader |
| Hardness / Surface | Up to 6H / Cermet-like Coating |
| FAR / FRR | 0.0001 / < 2% |
| Fingerprint Template Number | Finger number x 5, each finger image x 8 |
| Operating Temperature | -10 ~ 50° C / < RH 20 ~ 85% |



APPLICATION SOFTWARE OF FINGERPRINT ENROLLMENT



* Features and specification are subject to change without notice.



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