

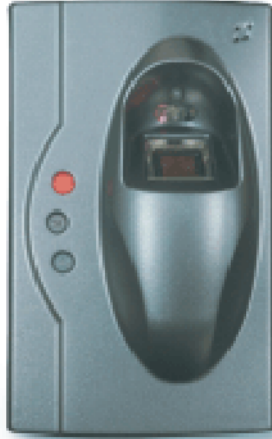


Finger-Print Reader

Features



SYRDF5



SYRDF6

- Proximity (2,000 cards) and fingerprint (1,000 templates) verification.
- Chip-based sensor for livescan capturing of 3D fingerprint minutiae.
- High accuracy and speed of Fingerprint identification.
- High speed digital conversion and classification. (1:N)
- High protection of scratch and ESD. (Electro Static Discharge)
- Compact design and elegant faceplate.
- Distinguishable audiovisual indication of tri-color LED and multi-tone beeper which can also be controlled individually by the host system.
- Tamper switch built-in for vandal resistance.
- Self-test on reader power-up to verify the setup configuration and initialize reader operation.
- Stand alone (Add/Del. Fingerprint enrolment via master card) or compatible with SYRIS NT series controller.

SPECIFICATIONS

| Items / Specs | SYRDF5 | SYRDF6 |
|--|--|------------------|
| Number of fingerprint | 1,000 | 1,000 |
| Card (Transponder) | TouchChip | Optics-based |
| Dimensions(mm) | 83W x 121H x 42.2D | 86W x 142H x 38D |
| Fingerprint sensor | SYRIS card (EM/Temic compatible), Option 13.56MHz Mifare 1 | |
| Read range* | 3cm - 10cm (Mifare:3cm-7cm) | |
| Card read time | 0.2 sec (typical) | |
| ID | 1-8 or 01-99 | |
| Fingerprint read time (300 enrolled) | 2 sec (OK) : 5sec (BAD) | |
| Fingerprint read time (1,000 enrolled) | 3 sec (OK) : 8 sec (BAD) | |
| FAR | < 0.001% | |
| FRR | < 0.01 % | |
| Indicator | 3 LED | |
| Tamper switch | Built-in | |
| Output interface | RS 485 formats and Wiegand™ formats | |
| Wiegand™ format | 26 bits / 34 bits / 42 bits format | |
| RS485 format | 24 bits / 32 bits / 64 bits format | |
| Baud rate | 19,200bps (4,800bps - 230,400 bps) | |
| Color | Gray | |
| Operating TEMP. / Storage TEMP. | 2°C to 55°C / -30°C to 70°C | |
| Power supply | 8V to 20V DC | |

* This specification is preliminary and subject to change without prior notice.
* Reading range is subject to card type, site interference and antennaspecs for more information