

# SYRDF6

# Fingerprint Proximity Reader

## Feature

- Built-in Anti-Tamper protection / Buzzer.
- Communication : Wiegand / Rs485.
- Built-in Watchdog to prevent system from halting.
- Fingerprint ( 9,000 templates ) verification.
- Optical fingerprint sensor for capturing 2D fingerprint template.
- High accuracy and speed of fingerprint identification.
- The most reliable fingerprint algorithm.
- Fast 1:N matching speed (High performance DSP).
- Low power consumption and fast power-on time.
- Access methods :

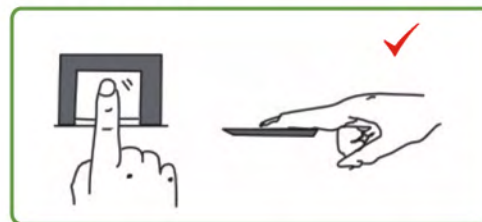
**Fingerprint / Card+Fingerprint / Card.**



## Specification

| Specs\Item             | SYRDF6                        |
|------------------------|-------------------------------|
| Transmit Frequency     | 125KHz(EM) / 13.56MHz(Mifare) |
| Number of Fingerprint  | 9,000 fingerprints            |
| Fingerprint Sensor     | Optical                       |
| Read Range             | 3~10 cm / 3~7 cm              |
| Encryption             | 256 bit AES                   |
| Equal Error Rate (EER) | < 0.1%                        |
| Resolution             | 500dpi                        |
| Card Compatibility     | EM / Mifare                   |
| Card Read Time         | 0.1 sec                       |
| LED Indicator          | 3 LED                         |
| Communication          | RS485 , Wiegand               |
| ID                     | 1~8(SYW95A)/01~99(SYSOFT-95A) |
| Anti-Tamper Facility   | Built-in                      |
| Beep Tone              | Built-in Buzzer               |
| Operating Temperature  | -10 ~ +55°C                   |
| Input Voltage          | 8V~20V DC / 0.5~2W            |
| Dimensions (W x H x D) | 91 x 146 x 61 mm              |

## Scorrect Fingerprint enrollment



## Ordering Information

| Item         | Type                              |
|--------------|-----------------------------------|
| ■ SYRDF6-P   | Optical Fingerprint Reader-EM     |
| ■ SYRDF6-PM1 | Optical Fingerprint Reader-Mifare |

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**SYRIS ACCESS Reader**  
 SYRIS Security System

