

## SYRDF5

## Fingerprint Proximity Reader

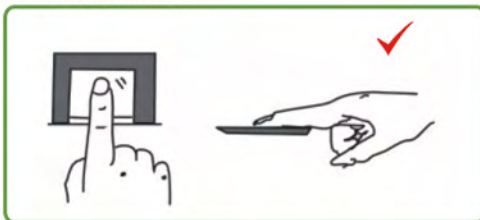
### Feature

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

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



### Correct Fingerprint enrollment



### Ordering Information

Item	Type
SYRDF5-S2	Capacitive Fingerprint Reader-EM
SYRDF5-S2M1	Capacitive Fingerprint Reade-Mifare

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### Specification

Specs/Item	SYRDF5
Transmit Frequency	125KHz(EM) / 13.56MHz(Mifare)
Number of Fingerprint	9,000 Fingerprints
Fingerprint Sensor	Capacitive
Read Range	3~10 cm / 2~8 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	-5 ~ +55°C
Input Voltage	8V~20V DC / 0.5~2W
Dimensions (W x H x D)	83 x 121 x 45 mm

✧ This specification is preliminary and subject to change without prior notice.

SYRIS

ACCESS Reader  
SYRIS Security System