

# SOCA<sup>®</sup>

## SF-2000 FINGERPRINT SYSTEM



SF-2000



SF-2000P

### Features

- There are 100/1000 fingerprint registers capacity to be selected.
- Built-in proximity card reader (EM or MIFARE system).
- Optics-based fingerprint recognition devices.
- No card or ID necessary for fingerprint matching.
- Built-in interface of RS232 and RS485 switchable.
- Additional keypad available to plug in for registration or removal of fingerprints or cards.

# SF-2000 FINGERPRINT



- Sensing area : 13.6mm x 16.2mm; Resolution 500dpi.
- Latent fingerprints are deleted to match with newly added fingerprint.
- Optic-based fingerprint recognition devices.
- Verification time less than 1 second.
- False Reject Rate : 0.1% ; False Accept Rate less than 1/100,000.



1. No card or ID necessary for fingerprint matching. Just press your finger onto the fingerprint sensor to activate fingerprint matching.
2. Door open methods :
  - (1) Proximity and fingerprint matching.
  - (2) Fingerprint matching.
  - (3) Proximity card door opening.
  - (4) Push button door opening.
3. Each user can register 3 separate sets of fingerprints in case of any injured fingers unable to recognize when register, and the last fingerprint enrolled is set as anti-duress fingerprint.
4. 3 LED lights (Red : POWER , Green : OK , Yellow : DENY) , one relay out , two input sensors.
5. Anti-tampered. Siren will be activated when it is being vandalized. Fingerprint sensor glass is made of tempered glass which sustains major scratches (hardness of 7 and above).
6. Optional external keypad used to set single card proximity, single card number entry, single card deletion, and setting fingerprint sensor parameter manually.
7. Built-in proximity sensor (Frequency EM: 125KHz or Mifare: 13.56MHZ) .
8. Operating temperature : 0 °C-55 °C ; Humidity : 85%Rh Max.

## ※ SF-2000 & SF-2000S

	SF-2000	SF-2000S
Capacity of enrollments	Maximum of 1000 enrollments.	Maximum of 100 enrollments.
History Data	When linking with computer, its data input/output capacity can be unlimited.	Stand-Alone type.
Keypad	Keypad (option).	With external keypad.
Wiegand output	Not available.	Standard Wiegand output. Select 26/34 bit to match with back-end host as subreader.
Communication interface	Built-in RS-232 and RS-485 communication interface. With an optional of modem or TCP/IP for online data transmitting control.	Stand-Alone type. Online and data recording functions are not available.
Special design	When linking with computer, its data input/output capacity can be unlimited.	Not available.
Parameter setting	Built-in perpetual calendar and battery.	All data stored permanently even if sudden power cut occurred.
Time zones	10 time zones. Each day has eight time frames to set.	Not available.
Parameter setting	Specific software to alter reader number and optical sensor parameter.	Use of keypad to alter optical sensor parameter.
Software	User of the same software of SF-1000 for easier operation.	Not available.

