



## Series Model

- SF-1000T :125KHz Em Marin format
- SF-1000TM:13.56MHz Mifare format
- SF-1000TMF:13.56MHz Mifare SOCA format
- SF-1000TMH:13.56MHz Mifare SOCA V.2 format

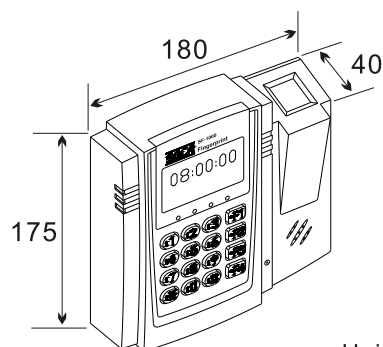
## Special features

- It is able to operate individually without any external controller.
- Matching speed less than 1 second .  
It is able to ensure all clock in or clock out are made personally as fingerprint is required.
- Industrial type of wide angle backlight 128\*64 graphic mode display , stainless steel durable buttons.
- 13 work shifts available to set.
- 3,000 fingerprints capacity to select ( support 1:N matching up to 3,000 fingerprints).
- Human detector to detect finger and match fingerprint automatically.
- Fingerprint sensor glass is made of tempered glass which sustains major scratches (hardness of 7 and above).
- Its functions are compatible with ST-6000.

## Specification

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| <ul style="list-style-type: none"> <li>• Power Supply : DC 12V <math>\pm</math>15%</li> <li>• Verify Mode: <ul style="list-style-type: none"> <li>1. Proximity card</li> <li>2. Proximity and fingerprint</li> <li>3. Card No. and fingerprint</li> <li>4. Fingerprint</li> </ul> </li> <li>• Work Shifts: 40 sets.</li> <li>• Ring Set: 40 sets.</li> <li>• Card capacity: 10000</li> <li>• Historical data:25,000 batches.</li> <li>• Voice Module: Optional.</li> <li>• Subreader : External subreader to connect.</li> <li>• Access Control: detect valid and invalid cards.</li> <li>• Weight : 1050g (included wrapping).</li> </ul> | <ul style="list-style-type: none"> <li>• Power consumption: 300mA (standby); 350mA (operation) <math>\pm</math> 5%</li> <li>• Display:Ultra-wide industrial STN 128 x 64 LCD backlights display .</li> <li>• Fireproof polycarbonate material for outer casing and UV resistance acrylic panel.</li> <li>• Capacity: 3,000 fingerprints ( support 1:1 and 1:N automatic matching function ).</li> <li>• Proximity module frequency : 125KHz or 13.56MHz ( built-in proximity module).</li> <li>• Fingerprint sensor glass material : quartz glass( sustains major scratches).</li> <li>• Online with computer: RS-485 interface or RS-232 interface.<br/>Built-in or external TCP/IP (optional) .</li> <li>• Work shift state code: set On Duty, Off Duty, Overtime On Duty, Overtime Off Duty, Out, Back, and Others (7 self-setting buttons).</li> <li>• Input point: 1. Exit push button 2. Anti-theft detection 3. Door sensing input</li> <li>• Output point: 1. Door open connector 2. Alarm output<br/>3. Anti-tamper alarm output 4.Regular alarm output<br/>5. Additional Output</li> <li>• Operation mode : Online or standalone operation.</li> </ul> |
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## Dimensions



Unit: mm

## Structure diagram

