ZKTeco

SF100

IP Based Fingerprint
Access Control &
Time Attendance

The SF100 is an IP based fingerprint terminal works both in network and standalone modes. In network mode, it can connect with ZKBio CVAccess software for access control and time attendance management.

Wiegand output makes SF100 flexible to connect with ZKTeco or any 3rd party controllers as a slave reader. Additionally wiegand input allows two units of SF100 to configure with each other and utilize Master & Slave solution, which requires user verification at both entrance and exit. Meanwhile, anti-passback function can be used to maximize the security.

Auxiliary input interface allows SF100 to connect with an external source, for instance, a smoke detector or emergency switch. Once the linkage function is enabled through the machine menu, the device would generate an alarm signal and open the door in case of emergency.
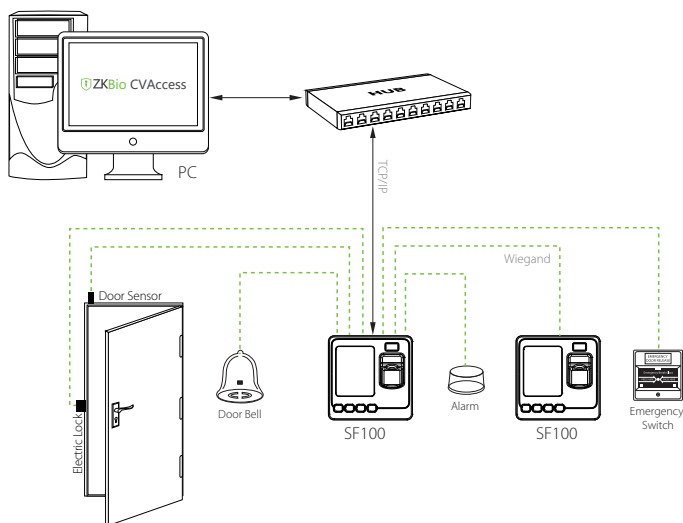
Feature

- 2.4-inch color display with graphical UI for easy operation
- Up to 24 user-defined schedules that can be activated on a daily bell alert (optional)
- Prompt audio acceptance or rejection signals for valid or invalid fingers
- Compact and lightweight, small size for 86mm (L) x 86mm (H) socket installation
- TCP/IP communication for various networking environments
- Supports USB flash drive for offline data management

- Built-in auxiliary input with enhanced flexibility to link with wired detector or emergency switch
- Up to 15 multi-verification methods to enhance security level
- Standard access control features such as Time zone, Holiday, A&C Group, Unlock combination etc.
- Duress Alarm offers effective protection against duress by threats
- Tamper proof switch and multiple alarm outputs
- Multi-languages customizable

Specification

Model	SF100
LCD	2.4-inch TFT (320 x 240) Color Screen
Fingerprint Sensor	ZK Optical Sensor (500DPI)
Algorithm Version	ZKFinger V10.0
Communication	TCP/IP, RS485*, USB Host
Fingerprint Capacity	1,500
Card Capacity (Optional)	5,000 (EM/IC Card)
Records Capacity	80,000
Access Control Interface	Electric lock, Door sensor, Alarm, Exit button, Doorbell
Wiegand Signal	Wiegand input & output
Aux. Input	1ea for linkage function
Power Supply	DC 12V/3A
Operating Temperature	0 ~ 45℃ (32°~113°F)
Operating Humidity	20 ~ 80%
Dimension(W x L x H)	90 x 90 x 34.5mm

* Note: RRS485 is for RS485 readers.

Configuration

Dimensions (mm)