Anson® Fingerprint Face Access Control Attendance

Fingerprint Product

ASF-DF20 ASF-DF30 ASF-DF40

User Manual

www.ansoncorp.com

ANSON(SHEN ZHEN) TECHNOLOGY CO.,LTD.

Device Parameter

Communication:TCP/IP
Communication Rate:10M/100M
User Capacity:Fingerprint3000
Record Capacity:50000
Alarm Record Capacity:20000
Exit Button:1
Door-Magnet:1

Authentication Mode:Fingerprint/Card(ID or IC) / Password
Reader Interface:1
Input Protection:TVS lightening protection,PTC surge protection
Output Protection:Varistor Protection
Working Voltage:DC12V
Working Current:Non-load<1A
Size(mm):ASF-DF20 L122×W77×H45
ASF-DF30 L179×W76×H36
ASF-DF40 L179×W76×H36

Advanced Features

Automatic Attendance
To generate attendance reports automatically.

Alarm Push
Satety abnormal reminder, easier to manage.

E-mail Service
Send e-mail to manage about alarm information and attendance reports.

Professional comprehensive security management
Video, access control, alarm and attendance management system.

Staff Care
Focus on employee working situation and help increase efficiency.

Multiple identification modes are used in combination
Face, fingerprint, RFID, password are all used.

For advanced features, please use Safesmart Business software.

Professional Features

Fisrt-card	Any card can be first-card
Multi-card	Support 4 cards
Remote Access Control	Any door can be opened via center authentication
Enforced control	Forced open/close door for long time
Threaten Code	A group of 6 digits code
Open Door by Password	Every user can be assigned with one password
Door Normal Open Timed	Normal open can be set for three time segments
Door Bolt Mode	Normal open in unfixed time
Anti-passback	Two readers or all readers can be set in a group
Limit Valid Date	To set user valid date, user will limit to access after valid date, it can be accurate to the hour.
Global Anti-passback	User can set all devices that managed by software as global anti-passback group by software.
Self-defined Input / Output	Self-defined input/output and relay
Activate/Dismiss Security	Any user can activate/dismiss security by card/fingerprint or software
Data Storage Mode	Cycled Storage
Video Record/Snapshot	Related video, record or snapshot via software
Access Authority	200 groups
Authentication Mode	Fingerprint/Card
Reader Protocol	Wiegand26/34
Real-time Monitor	Software can real-time monitor the status of access and alarm.
Alarm Linkage	Valid fingerprint, invalid fingerprint and alarm input can trigger the specified relay action.

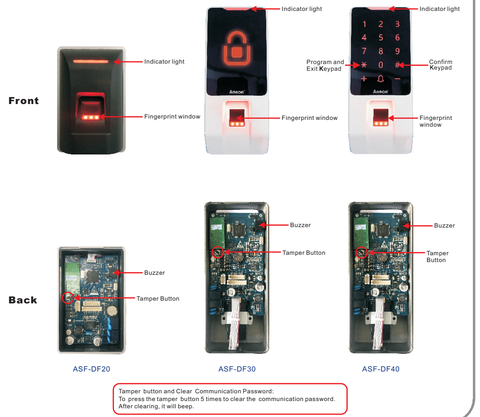
For professional features, please adopt the Safesmart Plus software.

Important Notices

If user do not follow below items, system may not work well, even bring some damages.

1. Any connection and operation are prohibited when components or the controller is power on.
2. Please connect the system according to the instructions described in this manual.
3. IP address should not be repeated. If there are two network cards in PC, please prohibit one.
4. Please use specified power supply.

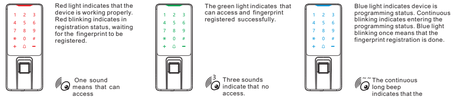
Product Appearance



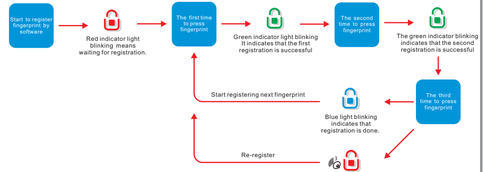
Tamper button and Clear Communication Password:
To press the tamper button 5 times to clear the communication password. After clearing, it will beep.

Indicator Light and Sound Indication

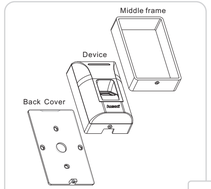
Take ASF-DF40 as an example：

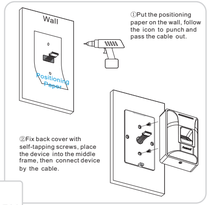


Fingerprint registration process:



Product Installation





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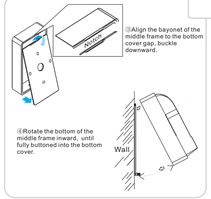

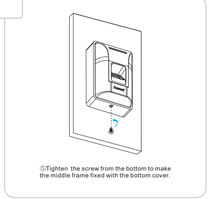

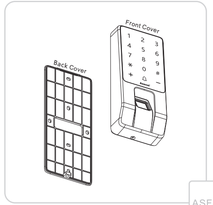

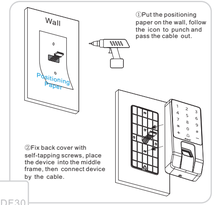

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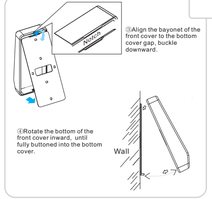
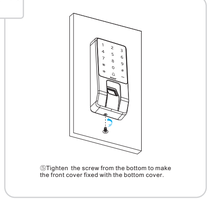
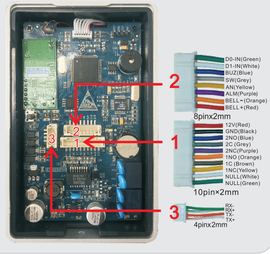


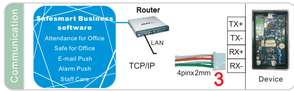


Wiring Diagram

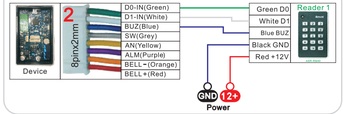
Take ASF-DF20 as an example :



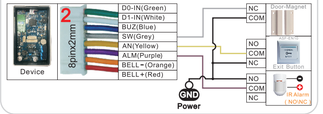
Safesmart Business software is easy to manage employee access at the office site, also anti-theft, employee attendance and care for staff.



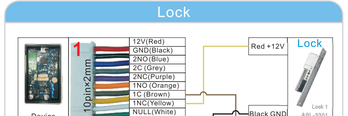
Reader



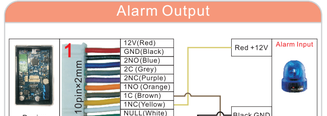
Exit Button,Door-Magnet and Alarm Input

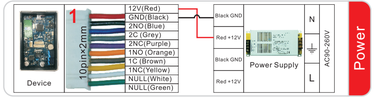


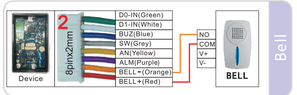
Lock



Alarm Output







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Tel : +86-755-89959665/89745595

Room 415,Building B,Area 5,the South of Hong Hua Ling Industrial Park,Xili,Nanshan,shenzhen China