

## Finger Print Series



FA2000/FC2000 fingerprint products are featured by fashionable design, SmartKM dual-core framework and 35% quicker response (compare to exiting products in the market).

FA2000/FC2000 adopts leading HA8.0 core algorithm and realizes life-long application after the first registration and application. The device also adopts such technologies as high-definition voice re-code, high-quality human-centered voice instruction, and glass-ard optical finger print collector. The device can work independently without connecting to PC, which makes it especially useful for established office.

### Multi-dimensional Identification

FA2000/FC2000 adopts hard optical materials and patented protection film. The product is compact but equipped with multiple-patents technologies. Its output image can be up to 700dpi. With superior comparison performance and terrific fingerprint input device, FA2000/FC2000 can be widely applied in social security, public security, attendance, fingerprint encryption, and built-in etc.

Multi-dimensional fingerprint identification technology adopted greatly improves the identification capability in tough environments. The device is also effective in identifying wet fingerprint, coarse fingerprint (e.g. Elder people), delicate fingerprint (e.g. young child), fingerprint of injured hand and all-dimensional identification.



### Advanced Fingerprint Algorithm

Anson fingerprint products adopts dual-core framework. The system performance increases above 35% and can respond to fingerprint within 1s. The device adopts the top industrial fingerprint algorithm in FCV2006-2008 algorithm competition, which greatly ensures the advancement and reliability of the device.

Based on the core of the dynamic fingerprint algorithm FADO (Fingerprint Algorithm for Dynamic Optimization), Algorithm accuracy can be improved and computing time can be saved by dynamic programming since dynamic programming can optimize algorithm and distinguish front ground and background area of fingerprint. In practical application, even if fingerprint is not complete, FA2000/FC2000 can still optimize user information via dynamic fingerprint algorithm.



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## Encrypted Data Matching Technology

Anson fingerprint series own high-intensity security performance design. Faked fingerprint cannot pass the authentication even if fingerprint data are obtained from the same model. Anson's innovative encrypted data matching technology is featured by one-off data encryption which prevents the potential hazard of faked information.

## User-friendly Interface

The Led can display 4 rows. The device can realize off-line operation, fingerprint authorization and management setup. The device also supports real-time voice reminder.



## Stable Performance, Easy to Operate

Anson fingerprint products adopt human-friendly design. The device can read data rapidly even with a slight finger press. The device owns overall stable performance, low misreading rate and 24 hours continuous operation.

## Practical Attendance Function

Considering the requirement of small and middle enterprises, FA2000 integrates Fingerprint and Attendance functions to increase the efficiency of human resource management.



## Quick Fingerprint Identification

Built-in high-sensitivity reader can read fingerprint data rapidly and exactly. Quickly respond to front-end device data can be realized via Anson professional fingerprint data analysis platform. Original fingerprint image can be enhanced by Fingerprint identification circuit and built-in management software. After enhancement, the data can be saved or compared. The technology has already been applied in all kinds of fingerprint identification devices of Anson for various entrance management systems.



## Expandability

The device adopts relay output and Wiegand output and can connect with reader and alarm device.

## Technical Parameter

Parameter	FA2000	FC2000
Product Name	Finger Print Attendance	Finger Print Access Control
Main Processor	SmartKM double-core low consumption	
Algorithm	Dynamic fingerprint algorithm FADO	
Collector	Glass-hard Optical Finger Print Collector	
FRR	≤1%	
FAR	≤0.0001%	
Reaction Time	≤0.8s	
Operate Mode	Off-line / On-line	
Identification Mode	Finger Print, Password	
Contrast Mode	1: N and 1:1	
Fingerprint Capacity	2000pcs	
Management Record Capacity	1000pcs	
Record Capacity	30000pcs	50000pcs
Attendance Function	Yes	No
Access Control Function	No	Yes
Working Voltage	DC5V	DC9-15V
Working Current	200mA	200mA
Working Temperature	-10-55℃	
Voice Prompt	4 segments voice prompt	
Weigand Output	Support standard WG 26 / WG 34 output	
Product Size	190*135*40mm	180*80*45mm