

DS-F87T

Smart Face Recognition Terminal



High Performance and
Rapid Recognition
Speed



Dynamic Living
Face Recognition



Biometric
Identification



Well-developed
Attendance
Management System

Product Specifications

Product		
	DS-F871T	DS-F871
Identification mode	Face / Mask, Fingerprint, Card, Passcode, Temperature Measurement	Face / Mask, Fingerprint, Card, Passcode
Face Recognition Distance	0.5-2M	
Face Recognition Speed	< 0.3s	
RFID Technology	13.56 MHz Mifare card (Standard), 125KHz ID card (optional)	
Temperature Detection Distance	0.5-1m	—
Temperature Range	30°C-50°C	—
Temperature Accuracy	$\pm \leq 0.2^{\circ}\text{C}$	—
Temper Alarm	Support	—
Max. Users	Face: 10,000 , Fingerprint: 10,000 Cards:10,000 , Password: 10,000	
Max. Text Log Face	200,000	
Max. Image Log	50,000	
Group, Time Zone	24 Timezone, Anti-passback	
Multiple Language	English, other languages can be selected	
Operation System	LINUX	
CPU	Dual Core 1.2GHz	
Storage Capacity	16G	
Camera	Dual Camera(VIS & NIR)	
Display	5" TFT Capacitive touch Screen Resolution 720*1280	
Dimensions(W x H x D)	86mm x 201mm x22mm	
Gross Weight	900g	800g
Working Temperature	-20°C~60°C (4°F~160°F)	
Anti-static Electricity	Touch: $\geq 6\text{KV}$, Space: $\geq 8\text{KV}$	
Humidity	0% to 90%	
Power Input	DC12V/2A (DC9V-14V)	
TCP/IP	Support	
RS485	Optional	
USB	Support	
Wi-Fi	Optional	
Relay	2 Relay Out	
Wiegand	One Group of Wiegand Input / Wiegand Output (26/34)	



- Built-in Infrared face recognition camera and visual face recognition cameras.
- 99.9% authentication accuracy.
- Dynamic face recognition and binocular Living Body Face Recognition.
- Semiconductor fingerprint sensor.

DaoSafe

A Wide Range of Authentication Multifunction

DS-F871T offers a wide range of authentication multifunction: face, fingerprint, passcode and cards, mask identification, temperature detection.



Face/Mask



Fingerprint



Card (IC or ID)



Passcode



Body Temperature

* 10,000 face +10,000 fingerprints +10,000 cards +10,000 passcode + 200,000 records + 50,000 capture images

* Built-in card reading module, support Mifare card 13.56 MHz (Standard), ID card 125KHZ (optional)

* Dynamic face recognition, Support remote user registered through profile photo uploads.

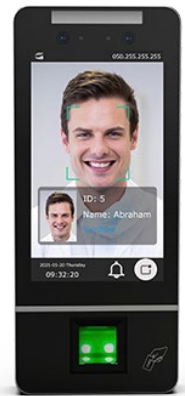
* Semiconductor fingerprint sensor, improve the performance of the fingerprint identification.

High Performance Dynamic Face Recognition

- 1.2 GHz Dual Core CPU, recognition distance up to 2M with matching speed < 0.3s.
- Contactless dynamic face recognition and face recognition of users wearing masks.
- Alarm and limits access of users with high temperature and users not wearing masks.
- Built-in IR and visual cameras, wide dynamic strong light suppression with 99.9% authentication accuracy.
- Anti-spoofing performance, by deep learning-based AI algorithm applied for binocular Living body detection, effective prevention of photos and video spoofing and to produce the best live face recognition performance.



DS-F871T



DS-F871

Well-developed Attendance Management System

- With all access control professional functions, detailed excel report can be directly exported through U disk.
- Support touch-screen offline operation, PC-less, easy to use.
- Support remote user registered through profile photo uploads.
- Support multiple communication modes: U disk, TCP/IP, TCP/IP, WIFI (optional).

System Configurations

