

Guangzhou Fcard Electronics FC-8300T Dynamic Face Recognition Access Controller User Manual

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Guangzhou

Ford Electronics FC-8300T Dynamic Face Recognition Access Controller
User Manual



FC-8300T

DYNAMIC FACE RECOGNITION ACCESS CONTROLLER

Metal Body, 20,000 Faces, 200,000 Records 5.5-Inch IPS Full-View And HD Display Screen

20,000 Faces

HD Display Screen

High-Speed Identification

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FUNCTION

Multi-Function List

 Megapixel HD Camera	 HD Display Screen	 High Speed Identification	 Accuracy Rate: 99.9%	 20,000 Faces Capacity	 200,000 Records	 Binocular Liveness Detection	 U Disk To Export Data	 Multiple Communication Modes	 Access Control Function
 Safety Helmet Identification	 Voice Prompt	 Online Update	 Provide SDK	 Local Storage	 Multiple People Simultaneous Recognition	 LINUX System	 1:N/1:1 Comparison	 Wide Dynamic Strong Light Suppression	 Free Docking Platform

FORD

Intelligent Dynamic Face Access Controller

IPS Full-View And High-Definition Display Screen, Metal Body, Waterproof&Smog-Proof, Can Be Used In Outdoor And Strong Light Environment.



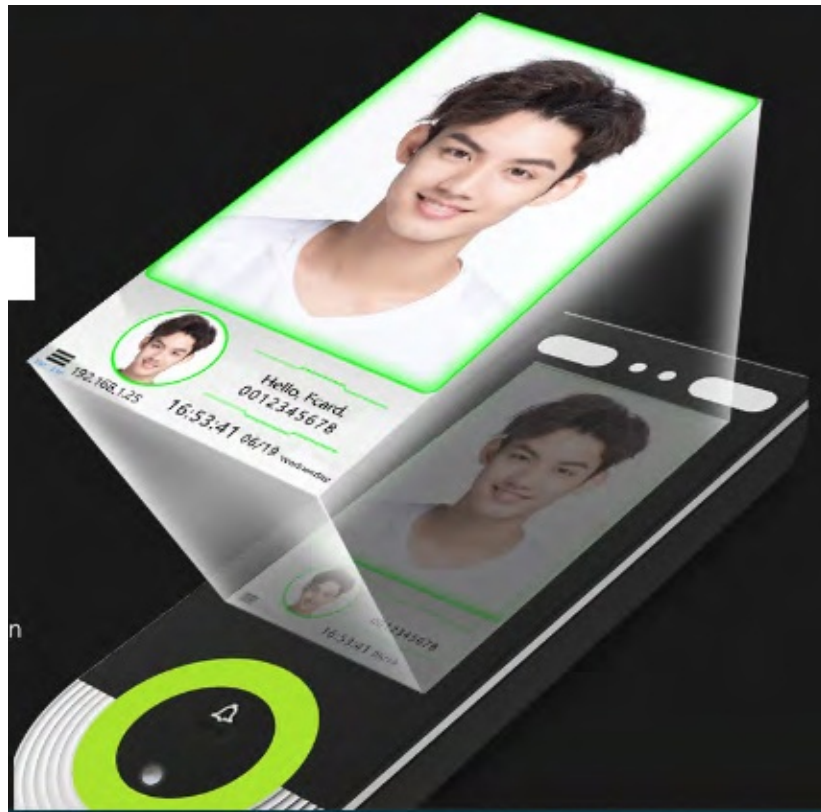
TEMPERATURE DETECTION

The Infrared Array Body Temperature Sensor-
Temperature Records Mask Identification
No Entry With High Temperature



SCREEN

5.5-Inch IPS Full-View And HD Display Screen
High-Definition Display Screen, The Effect of Display Much More Clearer
Screen Dormancy, Screen Protection, High-Speed Recognition Wake-Up Function



IDENTIFY

0.5 Second High-Speed Identification



Accuracy Rate: 99.9%

360-Degree Biometrics Liveness Recognition, Identification Speed $\leq 0.5s$

$\leq 0.5s$	99.9%	2 Mega Pixel	360°
High-Speed Identification	Recognition Accuracy Rate	HD Camera	Liveness Detection

CAMERA

2 Mega Pixel HD Binocular Camera

2 Mega Pixel Infrared Liveness Detection Camera Wide Dynamic Camera, No Distortion, Double Synchronization, Global Exposure

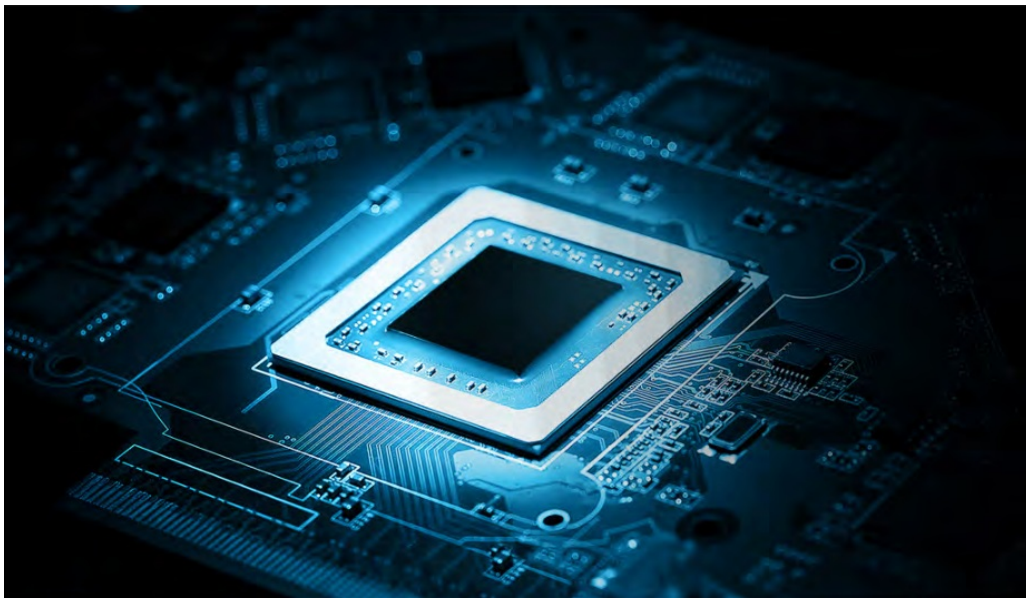


RECOGNITION

Multiple People Simultaneous Recognition

1: N / 1:1 Can identify four people at the same time





20,000 Faces Capacity
 (Can Be Extended 30,000-50,000 Faces)
 200,000 Records 8G EMMC Storage 1GB DDR3 Memory


Touch Screen Keypad Management

Wide Dynamic Strong Light Suppression Wide dynamic 2 million HD camera
 Not affected by strong light

PRODUCT DETAILS

Details determine quality

metal quality, each product is an ingenuity

01 Body Temperature Detection Sensor Can quickly recognize the people’s temperature		2. HD Binocular Camera High-Speed Infrared Night Vision
3. HD LCD Display Screen 5.5-Inch IPS Full-View And HD Display Screen (1280x 720)		4.Two USB Ports Can insert U disk and backup
5. Mifare Card Reading Function Built-in card reading module, support Mifare card, CPU card, ID card and so on		6.Voice Prompt

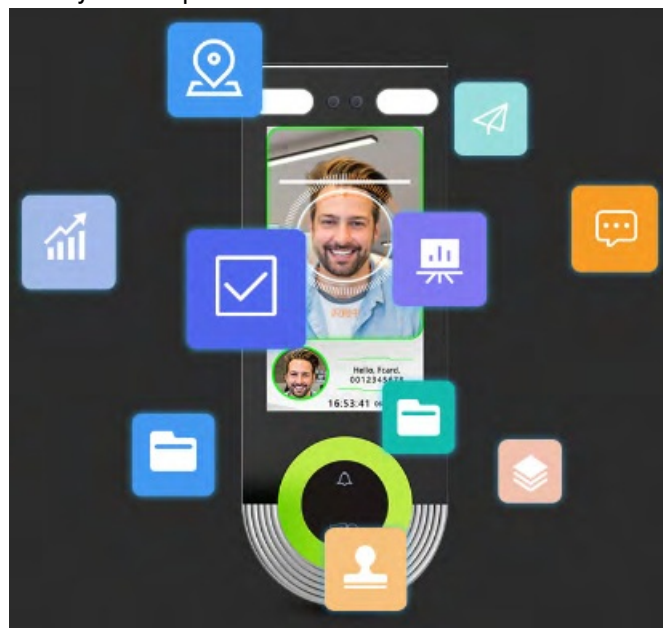
Product Parameter

Model FC-8300T Dynamic Face Recognition Access Controller	Body Material Zinc Alloy Body
Working Voltage 5.5-Inch IPS Full View HD Screen	CPU 4CoreA7 1.2GHZ
Storage Capacity 1GB DDR3 + 8GB EMMC	GPU MAL400 II
Communication WAY (WIFI Communication can be ordered)	Operation System LINUX
Camera Wide Dynamic Binocular 2 million HD Camera	Liveness Detection Support
User Capacity 20000 Faces + 20000 Cards	Records 200,000 Records
Recognition way 1: N/ 1:1	Identification Speed ≤0.5s
Wiegand Function One Group of Wiegand Input/Wiegand Output (26/34)	Working Humidity 10%-90% RH
Size 232x88x25mm	Weight (Manual Measurement) 0.5KG

Appearance Diagram



Free Docking Platform
Support Docking Platforms, Provide SDK
Support Online Upgrade/Secondary Development



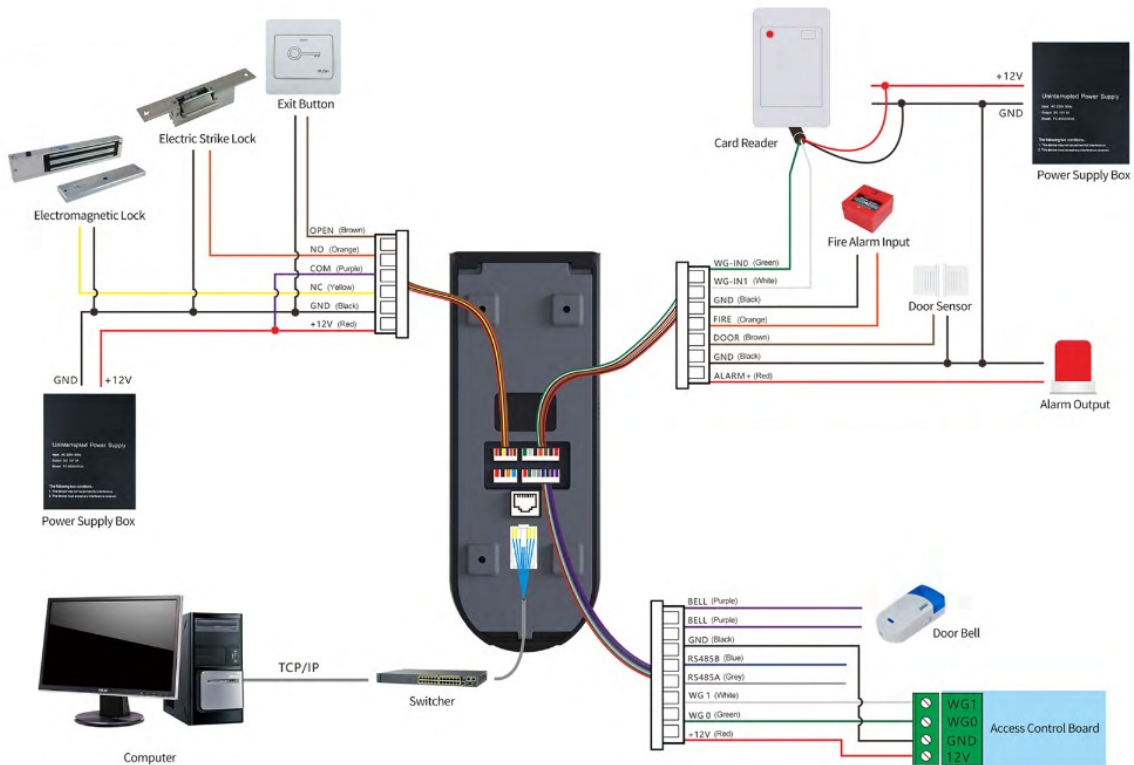
Application

Intelligent Community Passage System, Office Building Hall Corridor Management System, Site Labor System,

Club Membership Management System, Scenic Spot Ticket System, etc.



Wiring Diagram



Wiring Requirements:

- AC220V power wire: recommend using 3×1.0mm (or above) wires to prevent electricity leakage. The ground wire of the power wire is recommended to be grounded.
- Electric lock wire: must use 2×1.0mm (or above) wire, the maximum length of the cable shall not exceed 50 meters.
- TCP/IP communication wire: please use standard network cable, the maximum length of the cable shall not exceed 100 meters.
- Door sensor and exit button wire: recommend using 2X0.5mm (or above) wire, the maximum length of the cable shall not exceed 100 meters.

REMARK

- Power on, locki (electric bolt lock or electromagnetic lock) correct connection: the positive electrode of the electric lock connects to NC of the output port of the controller. The negative electrode of the electric lock connects to the GND of the power supply. The COM of the controller connects to +12V of the power supply.
- Power on, unlocked (electric control lock or electric lock port) correct connection: the positive electrode of the electric lock connects to NO of the output port of the controller. The negative electrode of the electric lock connects to the GND of the power supply. The COM of the controller connects to +12V of the power supply.

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

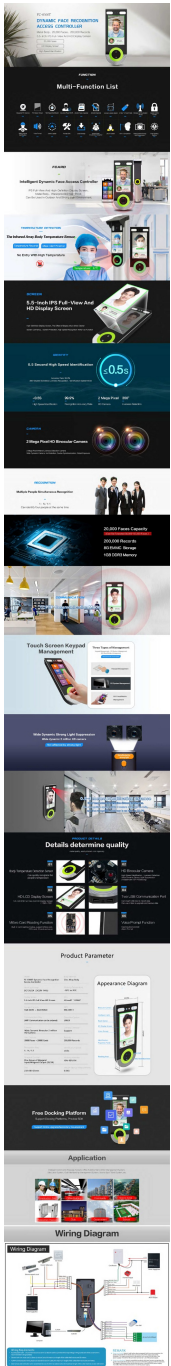
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

Documents / Resources



[Guangzhou Fcard Electronics FC-8300T Dynamic Face Recognition Access Controller \[pdf\] User Manual](#)

FC-8300T Dynamic Face Recognition Access Controller, Dynamic Face Recognition Access Controller, Recognition Access Controller, Access Controller