

The background features a soft, out-of-focus bokeh effect with overlapping circles in shades of purple, pink, yellow, and green. Scattered throughout are faint, light-colored technical diagrams and icons, including a small gear-like structure, a rectangular component with internal lines, and a larger schematic with multiple interconnected nodes and lines.

# ***Fingerprint Access Control***

# Fingerprint Access Control

## Configuration:



**FGRAC-M1**



**FGRAC-M4**

## Introduction

BIO Fingerprint device is the most outstanding fingerprint identification terminal in all the world, which has the most reliable means of identity authentication. Unique high-speed identification technology embedded 50000 persons identified per second. Never false identification has happened. Optical sensor technology, high quality image and 1.5 million times of presses life. Super large fingerprint capacity 3000,6000 versions for alternation. With RS232, RS485 and TCP/IP communication, Relay Weigand26 outputs. All fingerprints and records can be transferred to PC. Free software for time&attendance, provide DIY version for user-self languages.

# Fingerprint Access Control

## Features:

Professional Access Control function of 10 time zones, 5 groups, 10 open door combination and support multi-users entry.

Time& Attendance Application (optional)

Large capacity : 3000 fingerprints

Identification Speed:5000 fingerprint templates per second

Fingerprint Algorithm: More than 20 years development, lead in world

Standalone Working: Enroll, Identification, Delete, Log storage, LCD display, Key operation, Communication interface all in the terminal.

Use according to Management Rank

For the security of data, the several chosen persons can be authorized with the data management. There are three ranks of authorization according to the decision of the supervisor.

Accuracy and Scientific

BIO Fingerprint Time& Attendance never allows any substitution because of authentication of the true identity by fingerprints in it.

Convenience to use and Rapid-response

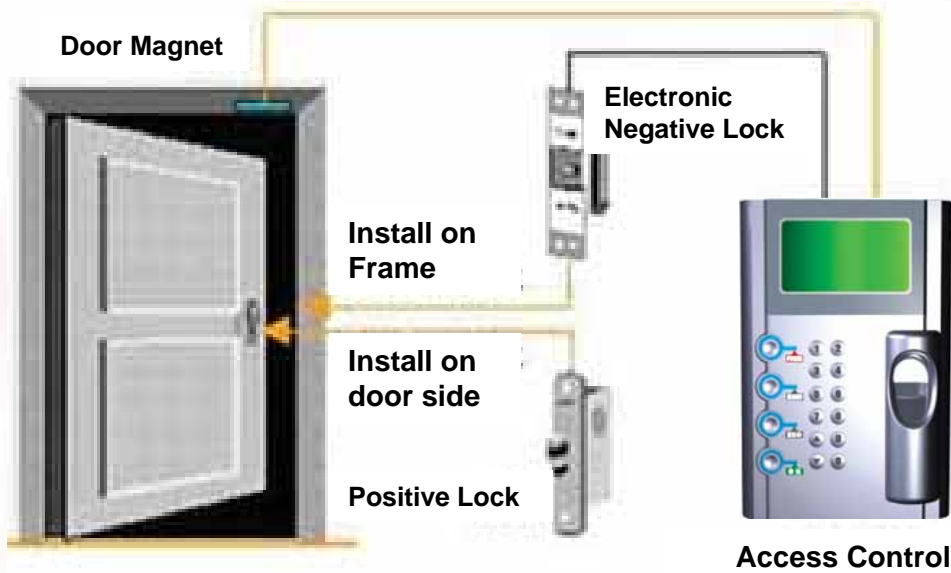
With no necessity to remember password or to carry the card, the system automatically verifies the person and records the time within 1 second when puts the registered finger on the fingerprint sensor, and also with voice hint.

# Fingerprint Access Control

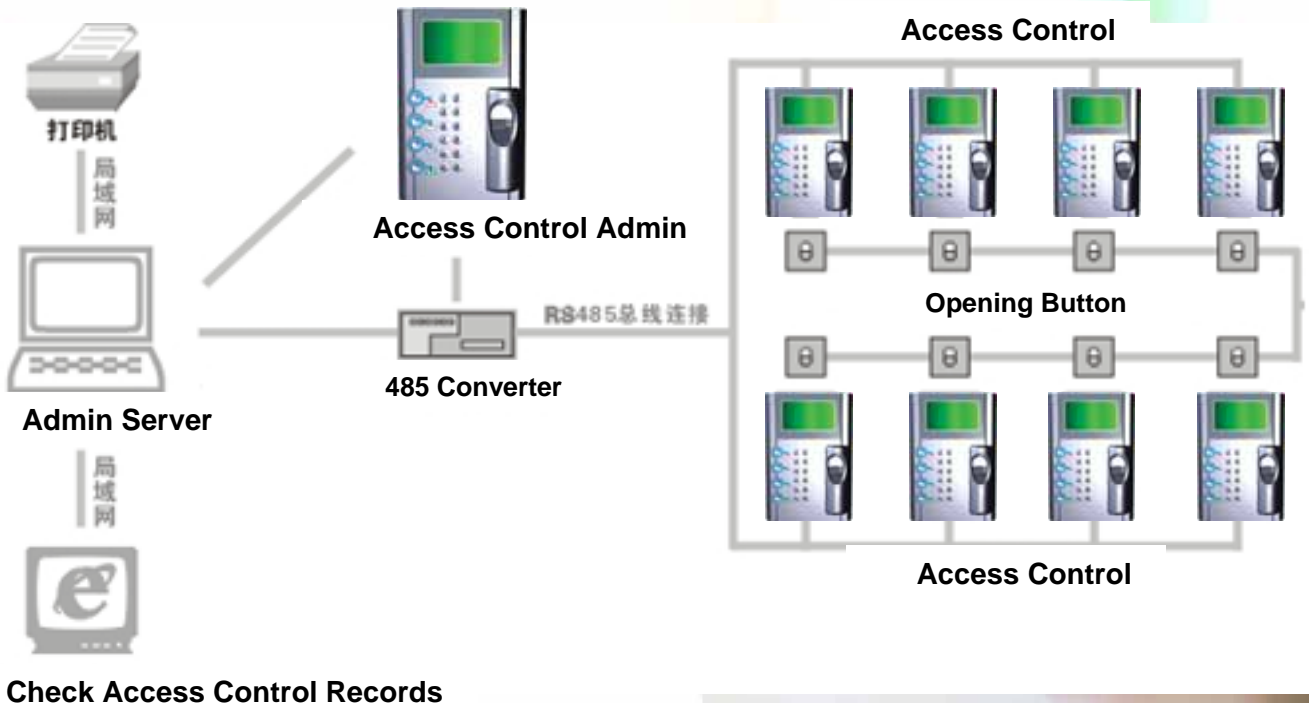
## Specification:

Item		Specification
Matching Mode		1: N
Fingerprint Capacity		<b>3000</b> Fingerprints
Response Time		1 Second (1:1500 Identification)
FAR (False Acceptance Rate)		Less than 0.0001%
FRR (False Rejection Rate)		Less than 0.001%
Sensor Mode		Optical
Record Capacity	Management	1000
	Identification	<b>80,000</b>
Recognition Mode		Fingerprint, Password
Working Mode		Standalone, Offline
Hint Voice		Chinese, English (others need order)
LCD Language		Chinese (Simplified), English
Alarm Clock		<b>8 Time Zone Setup</b>
Power Supply		12V DC
Power Consumption		< 5 W
Dimension		185 (H) x 128 (W) x 50 (D)mm (M1) 243 (H) x 120 (W) x 56 (D)mm(M4)
Weight		1.2 kg
Standard	Communication	RS232, RS485, <b>TCP/ IP (optional)</b> ,
	Access Control	Wiegand26, Relay ON/OFF

# Standalone Access Control Installation Sketch



# Groups Access Control Installation Sketch



# Fingerprint Access Control

## Function:

### Professional Access Control Function

It can setup 10 Time Zone function, Groups Management function, Combination open function. Etc.

### Time& Attendance Function (Optional)

### Level to Level Management Function

It can setup different entry and exit authorization, Multi-finger identification, combination finger identification. Etc.

### Fingerprint /Password Memory Function

User's password and fingerprint data information will not be erased even though Power off.

### Accuracy and Scientific

BIO Fingerprint Products never allows any substitution because of authentication of the true identity by fingerprints in it.

### Rapid-response

The system automatically verifies the person and records within 1sec when put registered finger on the fingerprint sensor, and also there will be voice hint.

### Large Capacity

3,000, (6,000 optional) fingerprints templates storage, 80,000 check records and 1,000management records storage, all of these are finished in the BIO fingerprint standalone machine only, fingerprint templates and check records can be transmit to PC when needed.

We provide OEM for Logo and Packing.

# Groups Fingerprint Access Control

## Function:

Groups Fingerprint Access Control Sys is a professional access control, specially for controlling and administrating large entrances and exits.

### **Centralized Management Function**

Fingerprints can be registered in Access Control Administrator. Meanwhile, fingerprints info will be backup in the Access Control Administrator Server, and make fingerprint information data base. Fingerprints of staffs can be sent to each Access Control through Administrator and System Software, so that the authorized staff can open the door. Meanwhile, the system software can delete any of the fingerprint from Administrator to limit the entry and exit,

### **Time Zone Function**

Time Zones function is the most powerful function of Group Access Control System. It can setup different person has different authorization for entry and exit. For example, we can setup an effective open time during working time and an ineffective open time after working time. This Access Control System can setup complicated through Admin and Software sys, and the relevant Access Control will take effect ion.

### **Level to Level Management Function**

Fingerprint Access Control has level to level management function, which can classify different management level. So that different person has different entry authorization. Combining with Centralized Manage function and Time Zone function, this Access Control function give the best application solution for Group Access Control System.