



Introduction

F700 is a new generation multiple biometric identification product, standard integrating with Face, Fingerprint, PIN recognition and optional with RFID mode, as to facial identification algorithm, it captures the relative position, size, and shape of user's eyes, nose, cheekbones, and jaw features, these feature templates are used to be matching feature data, when users verify on device, it distills captured features into value and compares with templates to eliminate variance. F700 may hold 3000 faces without dividing groups, its default identification mode is 1:1 (Fingerprint & Face), additionally, as it is a kind of professional access control facial device, it may work with the third party such as electric lock, alarm, door bell, sensor and so on, in order to improve security for human life and enterprise information.



Terminal Interfaces and Functions

Add User

User ID:15

Name

☐ Fingerprint ☐ Password

☐ Face

Group No:1

Role:User

Photo

User Access

Exit Save

► ADD USER

Fast and convenient to enroll different role involving normal user and administrator, users must enroll face templates first, and then to choose to enroll another verification mode or other two modes including fingerprint, password and RFID, externally it is available to capture color photo by its infrared camera and save it as Photo ID in use.

Communication

Network/Serial Port Settings

Wiegand Input

Wiegand Output

Exit

► COMMUNICATION SETTINGS

Every terminal is default with an IP address, subnet mask and gateway, when connecting F700 to PC through Ethernet, first to set a desired IP address, meanwhile, keep consistent with access control software settings. Here you also can set serial port communication and wiegand type.

Access Control Set

Time Zone Set

Holiday Set

Group Settings

Unlock Combination Setting

Access Control Parameters

Duress Alarm Parameter

Anti-Passback Setting

Exit

► ACCESS CONTROL SETTINGS

Access control system basically involves time zones, groups, anti-pass back, alarm delay settings, F700 supports to set 50 time zones, 99 groups and 10 unlock combinations, in addition, it may set 24 holidays totally, even it offers duress alarm and password trigger function.

Data Mgt

Delete Transactions

Delete All Date

Clear Administrator

Restore to Factory Settings

Are You Sure?

YES

NO

► DATA MANAGEMENT

As some locations are with poor network, or for saving cost not to arrange Ethernet/RS485 communication, but it is necessary to manage data base manually instead of operating on software, these simple and fast operation may meet this situation completely. Administrator may query users' events here and restore terminal to default setting when it depends.

VerType

Group Verif Mode

FACE/FP/PW

FP&PW FACE&FP

FACE&PW PP

PW FACE&PIN

FP/PW PIN&FP

PIN&FP&PW

Exit More

► VERIFICATION TYPE

As F700 is default with face, fingerprint and password identification mode, and optional with ID card module, there would be 20 kinds of group verification modes, considering security and convenience, we suggest you not to use face identification only, instead to choose multiple verification, E.G. fingerprint & face or RFID & face.

Update

Firmware Version

Ver 8.0.0(build 150)

Ins USB disk press if ready

Exit

► UPDATE

Current firmware of F700 may satisfy most access control system in use, reasons that we offer firmware update function including fixing bugs and adding new features, in order to meet different applications and bring much business chance to customers, you may update through U disk loading new firmware.

Features:

* Multimedia

3.5" TFT screen support different Multimedia formats. Internal Camera and Photo-ID support the user's photo display and make T&A application more visible and reliable.

* Time & Attendance

Built-in backup battery protects data (optional).
Storage Capacity: Store up to 3,000 templates (1 : N) and 100,000 records.
More practical functions such as SMS, T9 input, Work-code enable user-friendly.
Offer a wide selection in authentication mode and easy security system upgrade with combination of fingerprint, password and ID/MIFARE/HID card.

*Access Control

Monitor employee's movement at any time. Provide extra security with 50 time zone, user grouping, and professional unlocking combination function, easy integration with door lock system.

*Communications

Versatile interface options including RS232/485, TCP/IP, USB Host, USB Client, Optional WIFI and GPRS;

Configuration:



Specifications:

| | |
|------------------------------|--|
| Fingerprint Capacity | 3.000 templates |
| Transaction Capacity | 100.000 transaction logs |
| Sensor | Optical Sensor |
| ID | 18 digits |
| Communication | RS232/485, TCP/IP, USB-client, USB-host |
| Identification Time | <=1 s |
| Matching Type | 1 : 1, 1 : N |
| Access Combination | FP + Card + Password, FP / Card / Password |
| Standard Function | Workcode, SMS, DLST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 Input, Photo-ID, Web server, Camera 1.3 MP, built-in RFID Reader, built-in battery (optional) |
| Access Control Interface for | Lock, door sensor, exit button, alarm, Door Bell, Anti-pass back |
| Wiegand Signal | Input & Output |
| Optional Functions | ID/Mifare/HID,printer,soap,WIFI,GPRS,RIS |
| Display | 3.5 Inch TFT Screen |
| Power Supply | 12 V DC 3A |
| Operating Temperature | 0°C - 45°C |
| Operating Humadity | 20% - 80% |
| Dimension | 213 x 178.2 x 47.5 mm |
| Weight | 2.05 kg |