



### THE MOST COST EFFECTIVE MODELS

# **VF Series Terminal**

**Fingerprint and RFID Access Control** 







**Fingerprint** Capacity



**Access Control** Equipment





Mini USB



TCP/IP

Elegant and slim design Multiple indentification method Felixble communication options Richable access control interfaces Lower consumption an faster identification Securer standalone solution and easier integration

### Fingerprint Access Control



VF Series is professional access control systems designed for small and medium enterprises development of security. They integrate fingerprint identification, RFID card, burglar alarm, time attendance and access control functions etc., with fashion and elegant appearance and reliable structure. VF Series with powerful communication function WiFi, TCP/IP and Mini USB suitable for data management in various environments. It comes with a functional management software, with multiple language display, friendly user interface, and compatible with various types of database, also supports time zone and group access control for high security level. They are versatile, convenient and multi-functional.

### **Features**

Outstanding optical waterproof, scratch-proof, unbreakable and durable fingerprint sensor

Unique infrared auto wakeup design

BioNano core algorithm platform of high performance and reliability

New 2017 version algorithm with improved performance on wet and dry fingerprints.

Support identification from different angles

Support multiple languages display. Suitable for local market.

White backlit keypad with 10 numeric keys and 7 function keys

Standard EM card reader. Optional Mifare card reader

RS485, Mini USB, WIFI & TCP/IP for network connection

Support wiegand 26 output

Direct lock control to open door, door open sensor

Optional SC011 or any other standard access controller for separate type secure access control system

Time zone and group access control, realtime data transfer monitor

Wall mounted, combine 2-in-1 function for access control and time attendance

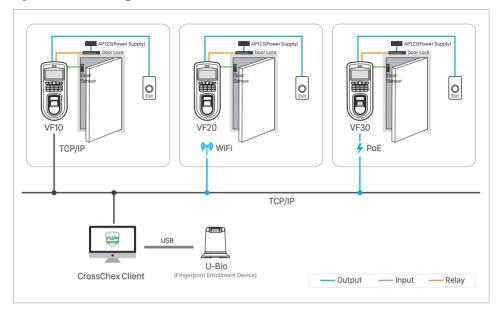
### Fingerprint Access Control

## **Comparison of VF series**

|              |                              | VE10                                 | VF20  | VF30  |
|--------------|------------------------------|--------------------------------------|-------|---|
|              |                              | VF10                                 |       |   |
| Capacity I/O | User                         | 1,000                                | 2,000 | 3,000   |
|              | Card                         |                                      |       | 3,000   |
|              | Record                       | 50,000 200,000                       |       |   |
|              | TCP/IP                       | Υ                                    |       |   |
|              | RS485                        | Y                                    |       |   |
|              | Mini USB                     |                                      | Υ     |   |
|              | Wifi                         | 1                                    | Υ     | 1   |
|              | Relay out                    |                                      | Υ     |   |
|              | 1/0                          | Switch/Door Bell                     |       | Door contact/Switch/Door Bell                   |
|              | Tamper Alarm                 | 1                                    |       | Υ   |
|              | Anti-pass back               | Υ                                    |       |   |
|              | Wiegand                      | Out                                  |       | In or Out                                       |
| Features     | Identification Mode          | Fingerprint, Password                |       | Fingerprint, Password, RFID Card                |
|              | Identification Speed         | <0.5s                                |       |   |
|              | RFID card reading distance   | I                                    |       | 21 ~ 50 mm (0.8 to 3.1")<br>depend on card type |
|              | Image Display                | Υ                                    |       |   |
|              | Group/Timezone               | 16/32                                |       |   |
|              | Time Attendance Support      | Υ                                    |       |   |
|              | Message                      | Υ                                    |       |   |
|              | Daylight-saving Time         | Y                                    |       |   |
|              | Sound                        | Buzzer                               |       |   |
|              | Software                     | Anviz CrossChex                      |       |   |
| Hardware     | Fingerprint Sensor           | AFOS touch active fingerprint sensor |       |   |
|              | Fingerprint Scanning Area    | 22m * 18mm                           |       |   |
|              | RFID Card                    | ,                                    | 1     | Standard EM, Optional Mifare                    |
|              | Dimensions(W x H x D)        | 80 * 180 * 40mm (3.2 * 7.1 * 1.6in)  |       |   |
|              | Working temperature/humidity | -30°C to 60°C / 20% to 90%           |       |   |
|              | POE                          | ,                                    | 1     | Υ   |
|              | Power input                  | DC12V                                |       |   |
|              |                              |                                      |       |   |

## Fingerprint Access Control

### **System Configurations**



## **Work with Management Software**



## **Cross**Chex

Time Attendance and Access Control Management System



Shift
Manual and intelligent
shift schedule



Access Group Manual and intelligent access group



Report Flexible and Practical Report output





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