VF30 Pro

Full Functional Standalone Access Control Terminal

VF30 pro is the new generation professional access control reader with new big 2.4" LCD screen, Liunx 1GHZ fast processor, VF30pro also provides various of communication interfaces such as WIFI, PoE, TCP/IP. The webserver function ensures an easily management to the device. Also Relay out, Wiegand in/out functions are the standard access control interfaces. A standard EM card reader and an optional Mifare card reader is equipped onto VF30 pro.
BioNANO - The core algorithm

BioNano is applied in all Anviz biometric-based products used for identification.

- Independent research and development
- Suitable for both wet and dry fingers
- Automatically heals the broken lines in fingerprint images
- Extraction of features in worn fingerprints
- Fingerprint template auto update

Parameters

<table>
<thead>
<tr>
<th>Feature</th>
<th>Capacity</th>
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<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fingerprint Capacity</td>
<td>3,000</td>
<td>Card Capacity</td>
<td>3,000</td>
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<tr>
<td>Log Capacity</td>
<td>100,000</td>
<td>Comm.</td>
<td>PoE-TCP/IP, RS485, WiFi</td>
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<tr>
<td>Relay</td>
<td>Relay Output (COM, NO, NC)</td>
<td></td>
<td></td>
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<tr>
<td>I/O</td>
<td>Door Sensor, Exit Button, Door Bell, Wiegand in/out, Anti-pass Back</td>
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Features

- Using Anviz BioNANO Algorithm
- 3000 Fingerprints, 3000 Cards, 100,000 Records
- With typical fingerprint auto update function
- Touch activation fingerprints sensor
- Support PoE power supply for both device and lock
- RS485, WiFi and TCP/IP communications, Wiegand input and output
- Directly controlled door lock, grouping management, time setting
- Tamper alarm door magnetic signal interface (known the door open and close state)
- Fingerprint, password and card combination of independence and recognition
- 2.4” TFT LCD display
- Standard EM the RFID card reader module, optional Mifare module
- With cloud access ability
- Software support for period of time, group management, 16 group access permissions, flexible control
- 32 entrance guard time real-time monitoring data, easy to learn and easy to use

Hardware

- CPU: 1GHz Quick CPU
- Sensor: Touch Active Sensor
- Scanning Area: 22*18mm
- RFID Card: Standard EM, Optional Mifare
- Display: 2.4” TFT LCD
- Dimensions(W * H * D): 80 * 180 * 40mm
- Working Temperature: -30°C ~ 60°C
- Humidity: 20% to 90%
- PoE: Standard IEEE802.3af
- Power: DC12V 1A
- IP Grade: IP55
Application
Flexible applications such as standalone, secure and network system for different industries.

Network Topology Illustration

Standalone Access Control System
The core part of this system is stand alone access control. With the lock directly controlled by the standalone access control, this system is able to supply easy and safe solution.

Secure Access Control System
The secure system consists of an access controller and reader. Because the lock is controlled by the access controller, this system is more secure and suitable for a single door having higher safety requirement.

Network Access Control System
The network access control system consists of different access control systems such as standalone system, secure system and distributed system. This system is the most professional solution, which best fits projects with multiple requirements.
AIM CrossChex is an intelligent management system of access control and time attendance devices, which is applicable to all Anviz access controls and time attendances. The user-friendly and interactive design makes this system very easy to operate, the powerful function makes this system realize the management of department, staff, shift, payroll, access authority, and exports different time attendance and access control reports, satisfying different time attendance and access control requirements in different complicated environments.

Features

- Manages departments and employees
- Manages devices and access restrictions
- Manages schedules, shifts and reports
- Rules out unauthorized overtime
- Imports/exports data in various file formats, such as CSV, XLS/XLSX, PDF, etc.
- Exports attendance reports to 3rd party accounting/payroll software
- Sends reports via email
- Connect to SQL database or Access database for easy installation and maintenance
* Support all Anviz Biometric/RFID access control and time&attendance devices

CrossChex
Access Control and Time Attendance Management System

Application Platform Application

VF30 Pro Full Functional Standalone Access Control Terminal

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