

# ZKBio CVAccess

Professional Attendance & Access Control  
A Lightweight Solution for SMB Market

## Introduction

ZKBio CVAccess is a lightweight web-based security platform that utilizes hybrid biometric technology and computer vision technology.

It is designed to support most ZKTeco Hardware and offers a wide range of features to meet the management needs of small to medium-sized businesses: Personnel Management, Access Control, Time & Attendance, Smart Video Surveillance, System Management.



## Features

### Access Control

- Person Access Level Control.
- Standard Anti-passback, Interlock, Linkage functions.
- Supports ZKTeco's access control terminals: SpeedFace Series / InBio Series / C3 Series / SF Series / LF Series etc.
- Automatic alarm notification.
- Door status real-time monitoring.
- Intuitive control on E-map.
- Supports expansion board for more applications.



### Time & Attendance

- Flexible shift scheduling.
- Set attendance by area or by different person.
- Web-based attendance module suitable for multiple locations.
- Multiple reports for attendance statistics and support for customized reports.
- Automatic attendance report email to administrator.

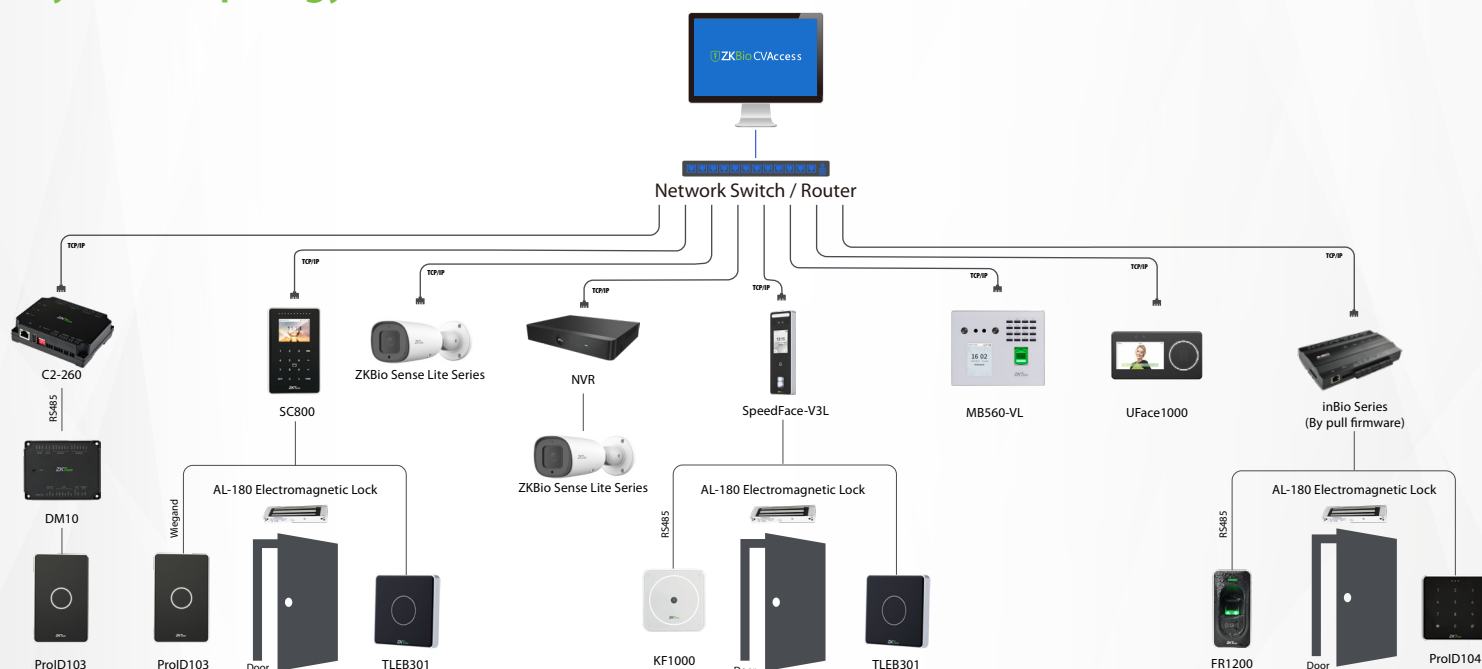


### Smart Video Surveillance

- Up to 64 channels preview and 16 channels real-time playback simultaneously.
- Basic video management features such as real-time preview, PTZ control, video playback, and TV Wall, E-map.
- Video analytics alarm notifications such as behavioural analysis, situation analysis based on human & vehicle targets intelligent via multiple video analytic features such as target counting, line crossing, area intrusion detection, etc.
- Alarm linkage actions (capture/record/PTZ/pop-up prompts).
- Video patrol helps security guards to increase situational awareness and patrol performance. The software can keep the entire patrol records.
- The watermark function protects and prevents users photos and data from being copied and reused without permission.
- Supports video intercom: After the device initiates the ringing, the host interface in the LAN will automatically pop up the intercom window to complete the operations such as answering, hanging up, and opening the door.



## System Topology



## Product Comparison

**Note:** If you require additional features and better performance, we recommend upgrading to ZKBio CVSecurity.

| Performance                         | ZKBio CVAccess                                                                                                                                     | ZKBio CVSecurity |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Access Control Doors                | 25                                                                                                                                                 | 5,000            |
| Attendance Points                   | 25                                                                                                                                                 | 2,000            |
| Video Channels                      | 256                                                                                                                                                | 1,024            |
| Supported Personnel                 | 3,000                                                                                                                                              | 300,000          |
| Number of Clients Allowed to Access | Unlimited                                                                                                                                          | Unlimited        |
| Operation System & Database         | Windows7/8/10/11, Windows Server 2008/2012/2016/2019/2022,<br>PostgreSQL, Oracle11g/12c/18c/19c/21c, SQL Server 2008/2012/2014/2016/2017/2019/2022 |                  |

| Function                           |                                           | ZKBio CVAccess         | ZKBio CVSecurity       |   |   |
|------------------------------------|-------------------------------------------|------------------------|------------------------|---|---|
| General                            |                                           |                        |                        |   |   |
| Personnel                          |                                           | √                      | √                      |   |   |
| System                             | Operation Log                             | √                      | √                      |   |   |
|                                    | Database Management                       | √                      | √                      |   |   |
|                                    | System Monitoring                         | √                      | √                      |   |   |
|                                    | Message Notification                      | Email                  | Email / WhatsApp / SMS |   |   |
|                                    | Account and Security                      | √                      | √                      |   |   |
|                                    | API Authorization                         | ×                      | √                      |   |   |
|                                    | Mobile APP                                | √                      | √                      |   |   |
|                                    | OCR Scanner                               | √                      | √                      |   |   |
|                                    | Card Template                             | √                      | √                      |   |   |
|                                    | Active Directory                          | ×                      | √                      |   |   |
| Map                                | E-map                                     | √                      | √                      |   |   |
|                                    | GIS Map                                   | ×                      | √                      |   |   |
| Event & Alarm Center               |                                           | ×                      | √                      |   |   |
| Application                        |                                           |                        |                        |   |   |
| Access Control                     | Access Level                              |                        | √                      | √ |   |
|                                    | Interlock                                 |                        | √                      | √ |   |
|                                    | Linkage                                   |                        | √                      | √ |   |
|                                    | Anti-Passback                             |                        | √                      | √ |   |
|                                    | First-Person Normally Open                |                        | √                      | √ |   |
|                                    | Multi-person Opening                      |                        | √                      | √ |   |
|                                    | Advanced Functions                        | Global Interlock       |                        | × | √ |
|                                    |                                           | Global Anti-Passback   |                        | × | √ |
|                                    |                                           | Global Linkage         |                        | × | √ |
|                                    |                                           | Personnel Availability |                        | × | √ |
|                                    |                                           | Occupancy Control      |                        | × | √ |
| Emergency Muster                   |                                           | ×                      | √                      |   |   |
| Time & Attendance                  | Attendance Rule                           |                        | √                      | √ |   |
|                                    | Approval Workflow                         |                        | ×                      | √ |   |
|                                    | Shift                                     |                        | √                      | √ |   |
|                                    | User Defined Report                       |                        | √                      | √ |   |
| Video Surveillance                 | View / Live View / PTZ Control / Playback |                        | √                      | √ |   |
|                                    | Favorites                                 |                        | √                      | √ |   |
|                                    | Onvif                                     |                        | √                      | √ |   |
|                                    | TV Wall                                   |                        | √                      | √ |   |
|                                    | Intelligent Video Setting                 |                        | √                      | √ |   |
|                                    | Linkage                                   |                        | √                      | √ |   |
|                                    | Video Patrol                              |                        | √                      | √ |   |
|                                    | Maintenance                               |                        | √                      | √ |   |
| Elevator Control & DCS Integration |                                           | ×                      | √                      |   |   |
| Entrance Control                   |                                           | ×                      | √                      |   |   |
| Visitor                            |                                           | ×                      | √                      |   |   |
| Parking Management                 |                                           | ×                      | √                      |   |   |
| Video Intercom                     |                                           | ×                      | √                      |   |   |
| Guard Patrol                       |                                           | ×                      | √                      |   |   |
| Consumption                        |                                           | ×                      | √                      |   |   |
| Intelligent Analytics              |                                           | ×                      | √                      |   |   |
| Intrusion Alarm                    |                                           | ×                      | √                      |   |   |
| Locker Management                  |                                           | ×                      | √                      |   |   |

