

# 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.

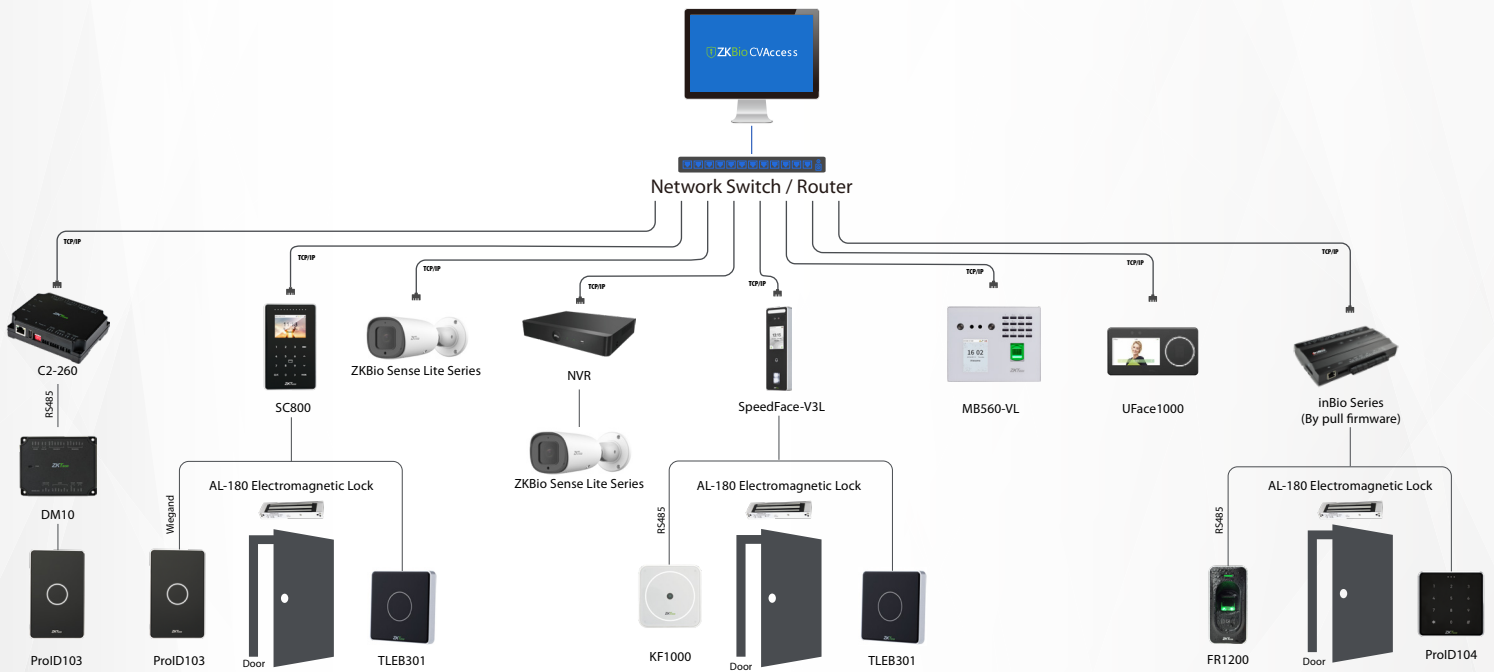


### Smart Video Surveillance

- 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 ZKTeco CVSecurity.

Performance	ZKTeco CVAccess	ZKTeco 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, PostgreSQL, Oracle11g/12c/18c/19c/21c, SQL Server 2008/2012/2014/2016/2017/2019/2022	

Function		ZKBio CVAcess	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		×	√	

