ZKTeco

ZKBioSecurity
V5000 3.0.0

All-in-One Biometric Security
Advanced Solutions

ZKBioSecurity is the ultimate "All-in-One" web-based security platform developed by ZKTeco. It contains multiple integrated modules: access control, time & attendance, consumption management, elevator control, visitor management, parking, guard patrol, entrance control, FaceKiosk and intelligent facial recognition camera management, video(VMS), mask and temperature detection module and other smart sub-systems. All of the sub-systems support both single-unit deployment and multi-module free combination and effective linkage; provide powerful integration capabilities and user visual data presentation analysis functions for various industries, truly achieving large-scale system-wide security intelligent management.

Features

SMS Notifications	Personnel Trace Track	Mask & Temperature Detection Supported	Intelligent Video Linkage
Multiple Languages Available	Powerful Third-Party Integration Capability	Professional Video Management System	Smooth and Advanced Visitor Management
High Security Data Transmission	FaceKiosk Management	Visible Light Facial Recognition	Micro-Service Architecture
All-In-One Biometric Security Solution	Web-Based Platform	Consumption Management	Extra Large Management Capacity of Doors
Email Notifications	Face Intellect-Unconscious Access Solution	Time & Attendance	Flexible Elevator Control
LPR Camera for Parking	Global Anti-Passback and Linkage	Mobile APP	OCR

Key Features

- All-in-one 11 modules and sub-systems, flexible for all sizes projects and various industies

- Standard Access Control features and professional advanced access control functions (Global Anti-Passback, Global Linkage, Global Interlock, etc.)

- Professional Video Management features such as real-time preview, video playback, linkage alarm, decoding video, monitoring by face images and alert for suspicious individuals, alarm linkage, providing multiple functionalities for various applications

- Updated intelligent video global linkage function that allows users to configure smart video camera events such as Motion Detection, Cross Line Alarm, Human Detection, Blocklist/ Stranger Alarm, to trigger intelligent linkage actions, including Video Capture, Video Recording, Access Control (Door Opening, Closing, Lockdown, Unlocking), Elevator Control (Floor Button Release, Locking), Email Alert/ Notification, Text Message Alert/ Notification. This truly realizes secure supervisory control and management

- Advanced Visitor Management module, improving the professionalism of the enrollment process and visitor check-in. It streamlines the enrollment with pre-registration or self-registration options, and allows users to create watch lists and screen against unwanted visitors

- Based on some advanced biometric technology, supporting the latest Body Temperature & Mask Detection Terminals, the ZKBioSecurity platform provides responsive, intuitive, user-friendly web application and various analysis reports to assist in screening body temperature in secure areas with high efficiency in a multiple of scenarios

- Multiple languages supported: English, Spanish, Simplified Chinese, Traditional Chinese, Russian, Indonesian, Thai, Vietnamese, Korean, Portuguese, French, Arabic

- Standard third-party interface, with strong platform expansion capability

Software Specifications

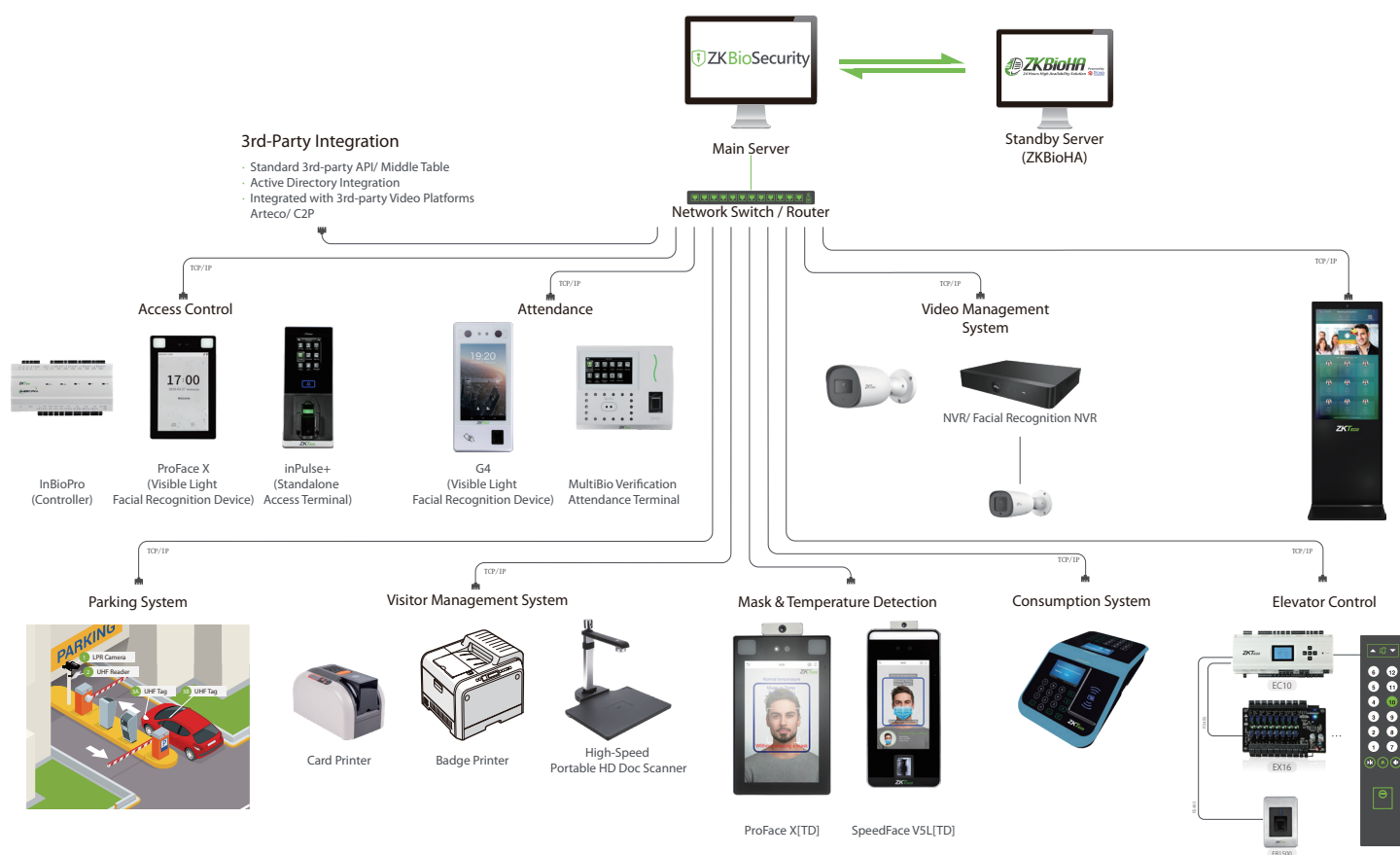|	
Current Version	V5000 3.0.0
Door Capacity	2,000
User Capacity	30,000
Supported OS	Windows 7/ 8/ 8.1/ 10 server 2008/ 2012/ 2016/ 2019
Database	PostgreSQL (Default), MS SQL Server, Oracle (Optional)
Suggested Browsers	IE 11+/ Firefox 27+/ Chrome 33+

*Minimum PC Requirements without VMS function

CPU	Dual core processor with speeds of 2.4GHz or faster
Memory	4GB or above
Storage	30GB free space or larger (NFTS recommended)
Monitor Resolution	1024*768 or above

*Minimum PC Requirements with VMS function

CPU	Intel(R) Core (TM) i5 6500 @ 2.6GHz or faster
Memory	8GB or above
Storage	100GB free space or larger (NFTS recommended)
Monitor Resolution	1024*768 or above

*Please refer to the server configuration suggestion file according to your requirements.

System Topology

ZKBioSecurity

Main Server

ZKBioHA

Standby Server
(ZKBioHA)

3rd-Party Integration

· Standard 3rd-party API/ Middle Table
· Active Directory Integration
· Integrated with 3rd-party Video Platforms
  Arteco/ C2P

Network Switch / Router

TCP/IP

Access Control

Attendance

Video Management System

TCP/IP

InBioPro
(Controller)

ProFace X
(Visible Light
Facial Recognition Device)

inPulse+
(Standalone
Access Terminal)

G4
(Visible Light
Facial Recognition Device)

MultiBio Verification
Attendance Terminal

NVR/ Facial Recognition NVR

Parking System

Visitor Management System

Mask & Temperature Detection

Consumption System

Elevator Control

PARKING
LPR Camera
UHF Reader
UHF Tag   UHF Tag

Card Printer

Badge Printer

High-Speed
Portable HD Doc Scanner

ProFace X[TD]

SpeedFace V5L[TD]

EC10

EX16

FR1500

ZKBioSecurity Mobile Client

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