



ZKTeco ZKBio CVSecurity

Web-based security platform · Specification summary

Manufacturer description	Web-based security platform that combines biometric authentication and computer vision technology; built on a microservices framework for high availability, modular scaling, secure communications and third-party integration; video analytics for early warning and post-incident verification
Modules	Personnel, Time & Attendance, Access Control, Visitor Management, Parking, Elevator Control, FaceKiosk, Consumption, Video Surveillance, Intelligent Analytics, Intrusion Alarm, Locker Management, Video Intercom, Service Center and other subsystems
Personnel, RFID cards, passwords, fingerprints, faces	300,000 each
Access-controlled doors	5,000
Attendance points	2,000
Visitors per month	100,000
Surveillance cameras	1,024
Intelligent video servers	50
Clients	Unlimited, depending on server and network performance
Access levels	Unlimited, depending on server and network performance
Controlled outputs and inputs	Unlimited, depending on device configuration
Video pre-review	64 channels simultaneously
Real-time playback	16 channels simultaneously
Server-side operating system	Windows 7 Pro/Ultimate SP1, Windows 8.1 Pro, Windows 10 Pro/Enterprise, Windows 11; Windows Server 2008 R2 (64-bit), 2012, 2012 R2, 2016, 2019
Client-side operating system	Windows 7 Pro/Ultimate SP1, Windows 8.1 Pro/Enterprise, Windows 10 Pro/Enterprise, Windows 11, Windows Server 2019
Browsers	Internet Explorer 11 or later, Chrome 33 or later, Safari 6.1.3 or later, Edge
Database	PostgreSQL (built-in); SQL Server or Oracle installed by the customer (a remote server is recommended)
Server recommendation: within 200 terminals	Single server; 8 GB DDR4 RAM; Intel Core i5 9th Gen series, 4 cores, 2.7 GHz or above
Server recommendation: within 1,000 terminals	Single server; 16 GB DDR4 RAM; Intel Core i5 9th Gen series, 4 cores, 2.7 GHz or above
Server recommendation: within 2,000 terminals	Multi-server; 16 GB DDR4 RAM; Intel Core i7 9th Gen series, 8 cores, 3.7 GHz or above
Server operating system (all sizes)	Windows 7 / 10 / 11; Windows Server 2008 / 2012 / 2016 / 2019

Hard disk space (all sizes)	500 GB / 1 TB free space or larger (NTFS recommended)
Network (all sizes)	NIC 1000 Mbps or Gigabit Ethernet or better
Screen (all sizes)	At least 21.5 inches; 1920 × 1080 recommended
Graphics card (optional)	Intel integrated graphics with more than 2 GB memory, or a discrete graphics card with at least 1 GB memory
Languages	18 languages, switched directly on the Home page
Data protection	256-bit AES encryption
Elevator destination control	KONE, Mitsubishi Electric
Notifications	LINE, WhatsApp, Amazon SNS, SMS, Email
GIS maps	Google Maps, Baidu Maps, SuperMap
Directory	Microsoft Active Directory (no version restriction)
Intrusion alarm panels	Bosch, RISCO
Video platforms	Arteco, C2P
API	RESTful interfaces for personnel, cards, departments, areas, readers, doors, access control, attendance, elevators, vehicles, visitors, temperature and FaceKiosk
Certifications	ISO/IEC 27001:2013, ISO/IEC 27701:2019, ISO 9001, ISO 20000

Specifications are summarised from the manufacturer's published information (checked 2026-10-30). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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