

## Why Use ZKWatch Powered by Arteco VEMS?

ZKWatch powered by Arteco VEMS is designed to help organizations gain the most relevant video and security information at any given time. The focus is on identifying critical events and areas of interest, rather than sifting through hours of non-critical video footage.

ZKWatch combines alarms and notifications from third-party devices such as video surveillance, access control, license plate recognition (LPR), fire detection, gunshot detection, video analytics, building automation and more onto a single, intuitive platform.

## Why the need for integrated access control and video event management?

- Security monitoring and analysis from the same user interface.
- All Access Control events are time-synchronized with all VMS surveillance video.
- Real-time on-screen access control activity, plus real-time charting of specific events.
- User-defined real-time on-screen event annotation plus Email & SMS alerts.
- The powerful text-search tool links all text received with all stored surveillance video.
- All transactions and access control system-level events are stored and searchable.
- Export spreadsheet reports as CSV files or display reports onscreen as a camera view.
- Export video evidence.



## ZKBioSecurity management software- All in one Platform

- Advanced Access Control functionality including mobile app, Zone Control who's inside status, and much more.
- Supports up to 8000 doors secured by C3, inbio and a large portfolio of biometric readers.
- Global Anti-Pass back and global linkage triggers with email notifications
- VEMS integration with Arteco
- Video Linkage with Hanwha, Hikvision, Dahua, and any ONVIF compliant cameras
- Real-Time Monitoring screen with intuitive and interactive actions from a single screen
- System Log Monitoring screen animated icons displayed on the map.
- Configurable and secured Active Directory integration
- Encrypted communication between panels and software
- Seamless integration with ZKVAMS-Visitor Management Software to provide Safe2Greet functionality



Traditional RFID access control which stores up to 30,000 card holders and supports both ZKTeco & 3rd party readers.



Biometric & RFID access control which stores up to 20,000 fingerprints & 60,000 card holders and supports both ZKTeco fingerprint readers & 3rd party RFID card readers.

SF1008T+ ProCapture-X ProCapture-WP inPulse+



Standalone Wiegand RFID & Biometric readers. Different models for RFID, face, fingerprint and finger-vein recognition. Options for internal HID, iClass or Mifare card reader.

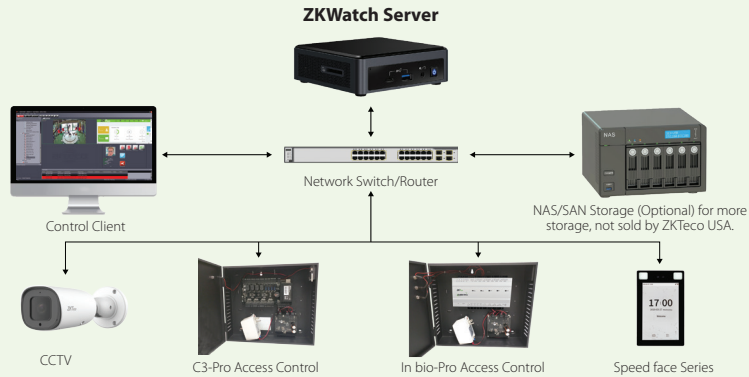


ZKWatch Server Hardware Specifications	
Processor	Intel Core i7-10710U 1.10GHz-4.70GHz (6 Core)
RAM	8 GB DDR4-2666 SODIMM
Storage	1TB NVMe 3D NAND PCIe 8 Gb/s M.2 2280 SSD, Extend More storage by NAS/SAN
Operating systems	Windows 10 IoT Enterprise 2019 LTSC 64-bit (In-Built)
Processor Graphics	Intel® UHD Graphics for 10th Gen Intel® Processors
I/O & Ports	Front: 1 USB Port 3.1 & 1 USB-C, Rear: 2 USB port 3.1, 1 Gigabit Ethernet & 1 HDMI port
<b>2-Year Standard Limited Hardware Product Warranty</b>	

ZKWatch Software Feature	
Preloaded	ZKW-P10- (Supports up to 10 Cameras)
Max Number of supported cameras *(Extended)	Up to 50 Cameras (Upgrade more cameras with ZKW-5ADD licenses in increments of 5 cameras)
Max Number of users	Unlimited
PTZ Control (incl. presets & sequences)	Supported
Multi-Camera Playback	Supported
Event Notification & Event search (Smart search)	Supported
Record to network storage (NAS, SAN...)	Supported
Access Control Connector & Open Connector	Supported
Edge Storage/Recording (Model Specific or ONVIF Profile G required)	Supported
Maps Supervisor (device management via dynamic maps, without geo-location)	Supported
Motion Detection Pure (on/off), Motion Detection eMotion (Basic filters), Smart Search, Motion Detection Active (Advanced filters)	Supported
Audio IN (audio in support Live & Rec, Axis + Onvif)	Supported
Video Compression	ONVIF® (S and G Profiles) and RTSP compatible. H.265, H.264, M-jpeg, Mpeg-4, 4K and UHD cameras supported
<b>*Requires Separate Client Workstation to View camera (Live &amp; playback) and Access control Event.</b>	
<b>*More Than 50 Camera and 25 Door Project please connect ZKTeco USA for Solution at 678-387-3882</b>	

ZKBioSecurity Feature	
Preloaded	ZKB-AC-P10
Maximum Number of Doors supported	Up to 25 Doors (Upgrade to ZKB-AC-P25 license required)
Default Database	PostgreSQL
Suggested Browser	IE 11+/Chrome 33+ /Firefox 27+
Speed Face support, C3 Pro Panel & In Bio Pro Panel	Supported
Auto Matic Back UP & Global Anti Pass Back And linkage	Supported
Access Control, Elevator Control & Email Notification	Supported

**Note: To support more than 50 cameras and 25 Doors, Xeon processor CPU is required (Client Scope). Additional ZKW-5ADD and ZKB-AC-P25 or upwards license purchase will be required.**



Control Client Hardware Specification (Client scope)	
Feature	Technical specification
Processor	Intel(R) Core (TM) i5-8265U CPU or above @ 1.60GHz 1.80 GHz
RAM	8 GB
Storage	128 GB or More
Operating systems	Windows 10
Processor Graphics	Intel® UHD Graphics for 10th Gen Intel® Processors
I/O & Ports	Rear: 2 USB port 3.1, 1 Gigabit Ethernet & 1 HDMI port

Hardware specification for (VMS) Video Management Software OR (CMS) Central Management software (Client scope)	
Feature	Technical specification
Processor	Intel® Xeon® E5-2620 OR Above (8core) @ 2.40 GHz 2.40 GHz
RAM	16 GB RAM or more
Storage	1TB OR above OR Extend More storage by NAS/SAN
Operating systems	Windows 10 OR Windows OS server 2016/2019
Processor Graphics	1 GB OR above
Network	GbE Network Interface Card
<b>*Note: VCA (video analysis) OR AI (Artificial intelligence/Deep learning) for camera required Additional server with Graphic Card and Additional License.</b>	



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