

ZKBioAccess

Real-Time Face Detection Solution



Biometric technology is the perfect solution to control the access of users to physical locations such as buildings, offices, datacenters or restricted security areas in general.

Due to this ZKTeco presents the ultimate solution for biometric Access Control, ZKBioAccess, which integrates face detection technology from [Herta Security](#) combined with ZKTeco's Access Control service [ZKBioAccess](#).

This technology yields excellent performance despite partial occlusions of the face, the use of glasses, scarves or caps, changes of facial expression, and moderate rotations of the face. Moreover, it does not allow users to be impersonated using photographs. The Access Control application ZKBioAccess can open door remotely to registered users or enable one alarm for blacklisted users.

Features



User registration through video capture (on the fly)



Alarms Management fully configurable



Video and Access Control linkage



White and Black List Creation



Easy and flexible multi-language interface



Anti Spoofing System

Software Specifications

Supported OS	Microsoft Windows XP or higher
Default Database	Microsoft SQL Server 2005 Express Edition Database.
Dependencies	Microsoft NET Framework runtime version 4.0 CP or higher.
Required software	Herta BioAccess application software.
Min. Equipment	1 ZKTeco's Access Control Device 1 IP Camera (ZKTeco or Third Party)
Optional	ZKAccess 3.5 Management Software

Minimum PC Requirements

	1 CH (1080p)	2 CH (1080p)	4 CH (1080p)	6 CH (1080p)
CPU	4 core 4 threads 2,5GHz	4 core 8 threads 3,2GHz	6 core 12 threads 3,2GHz	8 core 16 threads 3,2GHz
RAM	4 GB	8 GB	16 GB	16 GB
Monitor Resolution	1024x768 px (1920x1080 px recommended)			

* Video compression MJPEG 8 FPS.
** Xeon processor and NVIDIA Quadro Video adapter are strongly recommended

System Configuration

