

# Installation Guide ZKBio Access IVS

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Doc Version: 2.0

Software Version: 2.0.0

English

Thank you for choosing our product. Please read the instructions carefully before operation. Follow these instructions to ensure that the product is functioning properly. The images shown in this manual are for illustrative purposes only.



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If there is any issue related to the product, please contact us.

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## About the Company

ZKTeco is one of the world's largest manufacturer of RFID and Biometric (Fingerprint, Facial, Finger-vein) readers. Product offerings include Access Control readers and panels, Near & Far-range Facial Recognition Cameras, Elevator/floor access controllers, Turnstiles, License Plate Recognition (LPR) gate controllers and Consumer products including battery-operated fingerprint and face-reader Door Locks. Our security solutions are multi-lingual and localized in over 18 different languages. At the ZKTeco state-of-the-art 700,000 square foot ISO9001-certified manufacturing facility, we control manufacturing, product design, component assembly, and logistics/shipping, all under one roof.

The founders of ZKTeco have been determined for independent research and development of biometric verification procedures and the productization of biometric verification SDK, which was initially widely applied in PC security and identity authentication fields. With the continuous enhancement of the development and plenty of market applications, the team has gradually constructed an identity authentication ecosystem and smart security ecosystem, which are based on biometric verification techniques. With years of experience in the industrialization of biometric verifications, ZKTeco was officially established in 2007 and now has been one of the globally leading enterprises in the biometric verification industry owning various patents and being selected as the National High-tech Enterprise for 6 consecutive years. Its products are protected by intellectual property rights.

## About the Manual

This manual introduces the installation of ZKBio Access IVS software.

All figures displayed are for illustration purposes only. Figures in this manual may not be exactly consistent with the actual products.

## **Document Conventions**

Conventions used in this manual are listed below:

#### **GUI** Conventions

For Software		
Convention	Description	
Bold font	Used to identify software interface names e.g. OK, Confirm, Cancel	
>	Multi-level menus are separated by these brackets. For example, File > Create > Folder.	
For Device		
Convention	Description	
<>	Button or key names for devices. For example, press <ok></ok>	
[]	Window names, menu items, data table, and field names are inside square brackets. For example, pop up the [New User] window	
/	Multi-level menus are separated by forwarding slashes. For example, [File/Create/Folder].	

#### Symbols

Convention	Description
	This implies about the notice or pays attention to, in the manual
Ÿ	The general information which helps in performing the operations faster
*	The information which is significant
۷	Care taken to avoid danger or mistakes
	The statement or event that warns of something or that serves as a cautionary example.

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# 1 Installation Requirements

## **1.1** Configuration Requirements

#### Without VMS Device

CPU: Master frequency of 2.0GHZ or above

RAM: 4GB or above

**Hardware**: Available space of 10GB or above. We recommend using NTFS hard disk partition as the software installation directory

Monitor Resolution: 1024\*768 pixels or above

#### With VMS Device

CPU: Intel(R) Core(TM) i5 6500 @2.6GHZ or Above

RAM: 8GB or above

**Hardware**: Available space of 10GB or above. We recommend using NTFS hard disk partition as the software installation directory

GPU: NVIDIA GTX750 or Above.

Monitor Resolution: 1024\*768 pixels or above

## 1.2 Operating System

**Supported Operating Systems**: Windows7/ Windows8/ Windows8.1/ Windows10/ Windows Server 2008/ Windows Server 2012/ Windows Server 2016/ Windows Server 2019

Supported Databases: PostgreSQL/ MS SQL Server/ Oracle

**Recommended browser version**:

Internet Explorer11+/Firefox27+/Chrome33+

# 2 Installation Steps

(1) Right-click step.exe file in the installation package and select Run as Administrator. This is the Environmental testing tool, you can check out whether your computer conforms to the installation standards of the software.

Henvironmental testing tool	×
Done	Retesting Continue
100%	Continue
✓ An admin user?	Passed
<ul> <li>Environment variables test</li> </ul>	Passed
✓ Software conflicts test	Passed
✓ Service port test	Passed
✓ Antivirus software test	Passed
✓ Compatibility test	Passed
✓ System memory available	Passed

#### *⊯*Notes:

- a. Before installing the software, disable the anti-virus.
- b. If the % SystemRoot % \ system32 does not exists in the environment variable path, add the same.
- c. When the ports are occupied, make the ports available.

If there is any anomaly detection, the following error pops-up.

Environmental testing tool	×
Fail to pass. Click to the entry for details!	
100%	Retesting Ignore
An admin user?	Passed
<ul> <li>Environment variables test</li> </ul>	Passed
✓ Software conflicts test	Passed
✓ Service port test	Passed
× Antivirus software test	Error
Compatibility test	Passed
✓ System memory available	Passed
Error	×
The operating antivirus software may lead to a failure to install. Pleas	se shut it down in advance
	OK Solution

(2) If there is no anomaly detection, click [Continue].

🚱 Environmental testing tool	×
Done	Retesting Continue
✓ An admin user?	Passed
<ul> <li>Environment variables test</li> </ul>	Passed
✓ Software conflicts test	Passed
✓ Service port test	Passed
✓ Antivirus software test	Passed
<ul> <li>Compatibility test</li> </ul>	Passed
✓ System memory available	Passed

#### (3) Click [Next].



(4) Select the radio button to accept the agreement and click Next.

1 Setup - ZKBioAccess	
End-user Software License Agreement License:	•
ZKTeco, hereby, licenses you the right of use of the software application, upon your acceptance of the below condit authorized actions by the terms and conditions in this End-user Software License Agreement (Agreement), no applica duplications, modifications, renting, or transference of any part of the software system shall be practiced.	ions: Except for the tions, utilizations,
You must guarantee that: 1.this system shall be applied to one machine only; 2.for back-up or document management purposes, you shall produce a duplication, which is in a readable format for the surfaces:	ne machine, of this
Syou shall transfer this system and the Agreement to the third party, only upon the third party's acceptance of the t the Agreement. If any transference is made, the original documents, all related documents, and all duplications of the transferred to the third party. Any untransferred document and its duplications shall be completely destroyed and elim 4.you shall apply this system to multi-user condition or Internet system, only upon meeting one of the below pre-requ lit is proclaimed in writing that this system may be applied to multi-users condition or Internet system; or License of use has been purchased for all nodes and end node of this system.	erms and conditions of ≡ documents shall be inated; iisites:
You must guarantee that: 1.you shall not re-transfer the license of this system; 2.you shall not perform any type of reverse engineering, disassembly, or de-compilation; 3.you shall not duplicate, or deliver this system or any part of this system, except for authorized actions in writing by t conditions in this agreement.	he terms and
Your license is automatically terminated, if you transfer this system, or any part of this system, or duplication of this sy the duplication of this system to the third party.	stem, or any part of
Copyrights and Ownerships of this system: The names of this systems and all its duplications co-exist with the company stated in the CD-ROM or in this system. The related documents own copyright, and are under legal protection of the "Copyright Law of People's Republic of China Intellectual Property Organization Copyright Treaty". You are not entitled to delete the Copyright Proclamation from t guarantee to duplicate the Copyright Proclamation for this system. You shall agree to prevent and stop any form of like system and all its related documents.	his system and all its " and "World his system, and shall egal duplications of this
After-sale Warranty: We offer warranty that under normal usage in 00 consecutive days after nurchase no manual or material defects sha	all ha nracant in tha
I accept the agreement ○ I do not accept the agreement	<u>N</u> ext >

(5) Set the Access port and ADMS port number.



#### ∕≤Notes:

- a. The Server Port is 8088 by default. Make sure not to use any occupied port. It can't be the same with the Database Port 5432, Redis Port 6380, Port 21 and Port 80.
- b. Add an exception in the Firewall to avoid blocking the program.
- c. The ADMS Port is used to connect the device and the Web access port which is used to access the website. You can define the port except for the port numbers 21,80,6380 and 5432.
- (6) Click [Next] to select the installation path.



#### *⊯*Notes:

- a. You can select the installation path as you wish.
- b. The Software requires at least 500MB space. Make sure that the installation path has enough memory.
- (7) Select the Database type.



(8) Click [Next] to set the backup path.



#### *⊯*Notes:

- a. Select the installation path as you wish.
- b. The Software looks for the largest available space and creates a folder named SecurityDBBack.
- (9) Click [Next].



#### *⊯*Notes:

Click [Cancel] to quit the installation, click [Back] to reset the settings.

(10) Click [Install] to start installing the software.



(11) After installation, click [Finish] and restart the Server to complete the installation.



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