

Installation Guide

ZKBio Media

Date: July 2022 Doc Version: 1.1 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.



For further details, please visit our Company's website www.zkteco.com.

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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 procedure of ZKBio Media 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< b="">>.</ok<>
[]	Window names, menu items, data table, and field names are inside square brackets. For example, pop up the [New User] window.
1	Multi-level menus are separated by forwarding slashes. For example, [File/Create/Folder].

Symbols

Convention	Description
	This represents a note that needs to pay more attention to.
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 ZKBio Media-Software

1.1 Software Requirement

Feature	Specifications
Support Operation System	Windows 7/ 8/ 8.1/ 10 server 2016/ 2019
Database	Postgresql
Suggested Browsers	Chrome
СРИ	Dual core processor with speed of 4GHz or faster
RAM	4GB RAM available or above
Storage	50GB available space or above (NFTS recommended)
Monitor Resolution	1024*768 or above

1.2Installation Steps

Step 1: Double-click the **step.exe** file and select run as administrator. Select the set language to chose during the installation. Click **OK** to start the installation progress.



Step 2: Select the radio button to accept the agreement and privacy policy, then click **Next** to continue.

()	Setup - ZKBioMedia version 1.0.0 -		×
I	icense Agreement Please read the following important information before continuing.	6	B
	Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.		
	Before use our services, please carefully read this Policy, and your use of the services are regarded as the acceptance of this Policy, and the acceptance of storage, use or transferring of your information according to this Policy, if any of the conditions or statements is incomplete or requires amendment, our service provider has the right to add, delete, change or terminate this Policy in any time, and has the right to directly publicize the amended Policy on its official website, and the amended Policy takes immediate effect after being published. This Policy introduces how service processes your data, however this Policy does not involve the all possible situations of the data processing. For Policy contents of the product or service data collection, we shall announce in supplementary policy or notification of related data collection. 1. Collected Information When you use our services, we shall collect information based on the purposes and methods mentioned in this Policy. If any other data related to the specific resource which includes, but not limited to, photo, video, audio, text and file etc. 2. Collection Method and file etc. 2. Collection Method a. When you register account with our service, you voluntarily provide your uploaded data.	< >	
	I accept the agreement		
	○ I <u>d</u> o not accept the agreement		
	<u>N</u> ext >	ancel	

Step 3: Select the installation path and click Next to continue

😚 Setup - ZKBioMedia version 1.0.0	_	×
Select Destination Location		
Where should ZKBioMedia be installed?		¢,
Setup will install ZKBioMedia into the following folder.		
To continue, click Next. If you would like to select a different folder, click Browse.		
C:\Program Files (x86)\ZKBioMedia	Browse	
At least 914.4 MB of free disk space is required.		
< <u>B</u> ack <u>N</u> ext >	Ca	ancel

🖎 Note:

- User can select the installation path.
- The software requires at least 914.4 MB space, so make sure that the installation path has enough memory.

Step 4: Select additional shortcuts, and click Next.

ancel

Step 5: Click Install to start installing the software.

😚 Setup - ZKBioMedia version 1.0.0	_	
Ready to Install Setup is now ready to begin installing ZKBioMedia on your computer.		
Click Install to continue with the installation, or click Back if you want to re	eview or change any settings.	
Destination location: C:\Program Files (x86)\ZKBioMedia		^
Additional tasks: Additional shortcuts:		
Create a desktop shortcut		
		~
<		>
	ack Install	Cancel
		Cancel

Click **Cancel** to quit the installation.



Step 6: After installation, click Finish and restart the computer to complete the installation.



2 ZKBio Media-Firmware

2.1 Installation Steps

Step 1: Unzip the ZKBioMedia-XXX file.

Step 2: Double click zk_install_keep_safe_with_tcpip.bat file.

apk	2021/5/24 17:11
📧 adb.exe	2019/6/8 10:49
🗟 AdbWinApi.dll	2019/6/8 10:49
🗟 AdbWinUsbApi.dll	2019/6/8 10:49
📓 changeLog.txt	2021/6/9 18:18
ReadBefore.txt	2021/6/9 18:14
zk_install_keep_safe_with_tcpip.bat	2021/5/25 16:45

Step 3: Input the devices IP address in the command window, and then press enter.



Step 4: Wait for the installation to complete.

2.2 Activation Steps

2.2.1 With U DISK

Step 1: To get SN

Go to ZKBio Media Firmware and select [Device Setting] > [Active State], and then click "Generate serial number", it will generate a "DeviceSn" file and saved in U disk.

C Device Authorize		and the second
Active state: Inactivated		as the first of the first of the
	Generate serial number	
	Activation	
	Activation state detection	

Step 2: Send SN to Business

• The SN file is saved in the U disk root directory "**ZKLicCheck**" folder.



Note:

- Supports all U disk formats for Android devices with a system version of less than 6.0 or ZKTeco devices with a system version of 6.0 or higher.
- It supports FAT32 U disk only on devices with Android 6.0 or higher operating systems.

Step 3: Change the license name obtained from business to ZKLicenseManager.lic and save it in the DeviceSn.txt file path.

D:\Z	KLicCheck	
^	DeviceSn.txt	
	☑ ZKLicenseManager.lic	

Step 4: Insert the U disk to the device, and then go to firmware menu, select [Device Setting] > [Active State] and click "Activation". It will show as activation was successful.



2.2.2 Without U Disk

Step 1: To get SN

Go to ZKBio Media Firmware and select [Device Setting]->[Active State] and click "Generate serial number", it will generate a "DeviceSn" file and saved in explorer.

Step 2: Send SN to Business

The SN file is saved in **ZKLicCheck** folder in device explorer, send this "**DeviceSn**" to business.



Step 3: Change the license name obtained from business to "ZKLicenseManager.lic" and save it in the ZKLicCheck floder.



Step 4: Go to firmware menu of **[Device Setting]** > **[Active state]**, click **"Activation**". It will show as activation was successful.

< Devic	e Authorize
Active state	e: Activated
-	Generate serial number
	Activation
	Activation state detection
	Activation successful

3 Program Publish Steps

Step 1: Server Setting

Long press the upper left corner to enter the setting page, click **Server Setting** to input server ip, server port, and file download port.

< Server Sett	ing
Device Name	0017611306E2
Server IP	192.168.0.150
Server Port	9999
File Download Port	10001
	Save

Step 2: Go to software, click [**Device Management**] > [**Device List**] menu to enter the device list interface. Select a record, click the **Authentication** Button to enter the authentication interface, improve the device information, and then click **OK** Button, as shown in the following figure:

UZKBio Media	E Dashboar	d / Device	Management / Dev	rice List								admin 🛛 ~
ate Dashboard	Dashboard Te	mplate Manag	ement > Material M	Aanagement -	Douiso Cortification				×			
🕫 Device Management 🗠	Group Name	Please		Device N	Device Certification					×	Q Search C Reset	
Device List					* Device Name	DC6294037419		Device Code	DC6294037419			
R? Device Version			enticate 👔 Clea	r Program	Department	ZKTeco	× +	Group Name	Please input the Group Name +			
		io.	Device Name	Group						atus	Operation	
Device Log		16	DC629403737D	Default	* Device Type	Unknown		Location	Please input the Device Addres		🖉 Modify 🛛 Details 🚔 Delete	
🖮 Program Management 🗠			004764033766	Default	Latitude and Longitude	0		Resolution	1920*1080			
Information Publishing				Denour		0				9	2 mouty Cotails E Delete	
System Management		6 1	8CFCA01FA34C	Default				System Version			🖉 Modify 🌘 Details 🖄 Delete	
2 Operation Management			001761B874FE	Default	MAC Address	DC:62:94:03:74:19		IP Address	10.8.10.145			
					Remarks		sark			9		
		14	DC6294037419						4		🛇 Authenticate 🗳 Modify 🕚 Details 🖄 Delete	
		10	7554215100003	Default					0/200	J	2_Modify 0 Details 🚊 Delete	
									Cancel Authenticate		Total 6 10/page < < 1 > G	a to 1

Step 3: Add Material

In [**Program management**] >[**Material management**], click **Add** to add program material. Select the material group, and then select the material to be uploaded and click **OK** to start uploading the material.

Upload material		×					
* Material Grouping	Please select group	▼					
Choose material							
	•						
	Drag the file here, orClick to upload						
	picture01.png	\odot					
	picture02.png	⊘					
	Cancel	ок					

Step 4: Create Program

 In [Program management] > [Program Creation], click Add to creat program. Select program type and group name, input program name and resolution, and then click OK to enter the program design interface.

Resolution: The width and height of the program must be consistent with the resolution of the playback device (if not, the program will be displayed beyond the scope of the screen or the lower right part of the screen will be blank).

TZKBio Media	E Dashi	board / Prog	gram Management	/ Program Creation										ac	min 🛛 ~
da Dashboard	Dashboard	Template Ma	nagement × Mab	Add a Program	1					×					
🖷 Device Management 🗠	Group	Name Plea		ridd a'r rogran							C Search	C Reset			
🖮 Program Management 🗠	+ Add			Program Type	Ordinar	y Program	Access Program								
Material Management		No.	Name	* Program	program0	725							Operation		
Program Creation		44	test	* Group Name	Default Gro	up				x ×	19.22				
Template Management.	1	42	rolo	Resolution	1920*108	0					16-32				
Information Publishing		42	500		🛛 Width * Heig	pht					10.32				
		41	\$10								47:12				
		40	V28图片背景								45:16				
		39	v28還合							Cancel OK	21.57				
		38	音频2			comme courte	120 1200				08:24				
	(D)	37	文本		gram	Default Group	720*1280	1	10	2022-07-21 1	0:36:19			Delete	
		36	畲频		gram	Default Group	720*1280	1	10	2022-07-21 1	0.20.05				
		35	在线视频28	Ordinary Pr	ogram	Default Group	1920*1080	1	52	2022-07-21 1	0.04.53			Delete	
		34	在线圈片28	Ordinary Pr	ogram	Default Group	1920*1080	1	12	2022-07-21 0	9.49.48			1 Delete	
										Tota	al 31 10/page 🗸	< 1 2	3 4	> Got	• 1

• In edit page to create program, the program supports text, pictures, videos, music, time, live broadcast, documents, buttons and other components. It can be divided and combined freely.

ZKTeco	program0725 1920*1080 v		Return Preview Save
Program Scenes(1)	T Compare Line V	X:148 Y:233	Scene Style
1			Bg-Color:
	8		Bg-Image: 🖾 🗙
Scene1 (10S)			Custom Script:
	0		
	a		
		,	

Step 5: Publish Program

Click the [information Publish] > [Schedule Publish] menu to enter the interface, and click the Add button. Input the schedule name and select the release type (play priority: [Insert] > [carousel] > [Default]), date interval, time interval, download time, repetition mode and play mode. After filling the basic information, click Next.

Add a Schedule				×
Basic Information		Select Program		Select Device
	* Schedule Name	Scheduling_1625624739887		
	* Schedule Type	O Default O Carousel O Caption O Vehicle		
	* Date Interval	2021-07-07 - 2021-07-14		
	* Time Interval	© 00:00:00 - 23:59:59		
	* Download Time	Now		
	* Repetition Mode	🗹 Monday 🗹 Tuesday 🔽 Wednesday 🗹 Thursday 🗹 Fri	day 🗹 Saturday 🗹 Sunday	
	* Play Mode	Local Play Play Online		
		Next Step		

> Note: Local play means to download all the material in the program to the local, and play it after

disconnection or network disconnection; Online play means that the device must be connected with the server to play, such as the server is broken or unable to connect to the server the program cannot be played.

• Select the program to be scheduled, and then click **Next**.

Modify a Schedule					×
Ø Basic Information			O Select Program		O Select Device
	Group	Name Please select the group v Program	m Please input the Progr Search Re	set	
		Program	Group Name	Duration(s)	
	•		Default Group	19	

• Select the device to receive, and submit it to the administrator for review.

Modify a Schedule						×
Basic Information			Select Pro	gram		O Select Device
	Group N	ame Please select the group v	Please input the Device Search	Reset		
		Device Name	Group Name	Resolution	Status	
		Outdoor Kiosk	Default Group	720*1208	Online	

Step 6: Audit Program

After the administrator's approval, the system will automatically send the program to the device.

Image: Texture of the second secon	Dashboard / Information Publishing / Info	Dashboard / Information Publishing / Information Publishing										
20 Dashboard	Dashboard Program Creation × Information P	ublishing ×										
🖮 Program Management 🖂	Program Scheduling Insert a message											
Information Publishing ~	Schedule Name Please input the Sche	Schedule Type	Please select the publ $ \sim $	Status	Please select the stati $ \lor$	Create Time	🖹 Starting Dati 🔸 Ending D	Q Search	C Reset			
Information Publishing	+ Add 2 Modify 🖹 Delete									۵ ۵		
A Program Status	Code Schedule Name	Schedule Type	Play Mode	Play Weekly	Playing Date	Play Time	Download Time	Status	Create Time	Operation		
Playback Statistics	7 Scheduling_outdoor	Carousel	Local Play	0,1,2,3,4,5,6	2021-07-02 To 202	00:00:00 To 23:59:59	2021-07-02 14:01:10	Pending for Review	2021-07-02 14:01:12	⊙ Audit ∠ Modify		
🖷 Device Management 🗸										Bibliete		
Ø System Management	6 schedule_16251946	Carousel	Local Play	0,1,2,3,4,5,6	2021-07-02 To 202	00:00:00 To 23:59:59	2021-07-02 14:01:54	Pending for Review	2021-07-02 10:57:40	⊙ Audit ∠ Modify		
Operation Overview V										Bocke		
								Total 2	10/page v	Go to 1		

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