

Change Log

ZKBio WDMS

Date: December 2021 Software Version: 8.0.5 Doc Version: 1.0 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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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 operations of ZKBio WDMS 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 represents a note that needs to pay more attention to.
	The general information which helps in performing the operations faster.
*	The information which is significant.
0	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 Key Updates

Implemented Change	Description
Personnel Module	Existing functions has been improved by increasing the function of customizing personnel attributes and diversifying the methods for importing and exporting personnel-support and personnel flash drives.
Device Module	Optimized existing functions. The Work code adds company classifications and generates records of the issuing company.
MTD Module	Optimized the function of the MTD module to enhance the stability of the function.
System Module	Optimized existing functions. The addition of automatic personnel import function makes the integration function of ZKBio WDMS more powerful. At the same time, it supports data migration of ZKBio Time.Net 3.0.

2 Personnel Module

2.1 Import USB Format Employee

The Import USB Format Employee function can import the personnel data exported from the device to the USB disk into the system.

Company*	Company	Ŧ	Existing Data:*	Ignore	
50 Marian	10		Frank Landa	-	
FP version-	10	*	Face version	1	

2.2 Export USB Format Employee

The Export USB Format Employee function can export the personnel data of the system to USB disk. These data can be imported into the device or system again.

Area*	Company Not Aut	thorized 👻	File Format	.dat		
FP Version*	10	Ŧ	Face Version*	7	~	
						di.
						and a
						87°
					_	
				0.5	Contract of the second	

2.3 Custom Attribute

This function lets you manually create a personalized field based on the Organizational requirement. And the newly created attribute will get reflected in the Employee module.

1. On the **Personnel** module, click [**Configurations**] > [**Custom Attribute**], to customize the attributes as required.

ZKTeca	Personnel Device MTD System			<u>Q</u> .
So Q II	Company Employee Resign Cuttom Attribute			
😭 Employee 👻	Add Delwte Attribute Name	Input Type: @	y y	9 m 🔶 🕾
Configurations		Test	•	88
	C 13 V Total 2 Records 1 Page Contemp	Add X Attribute Namet: Input Type* Test Crable Cancel		

2. The enabled custom attributes will get displayed on the [**Personnel**] > [**Employee**] > [**Employee**] > [**Add/Edit**] while adding or editing personnel information.

ZKTECO	Personne	Device	MTD Sy	stem				<u>0</u> .
S Q 3	Company	Add				×		
🛣 Employee 🔺	Add	Profile					720	
Employee	Employee	Company* 0	Company	- Employee ID*	10001		VLFece -	31
Resign	002	First Name		- Area			4	1 10
OS Configurations 🛩		Position -		1000. 100			8	R
	1102	Employment Type		- Hired Date	2021-03-30			81
	12	Private Information	Device Access Setting	Custom Attribute			-	31
	2	age		Height			-	1 II I
	30982							B1 B1
	2054						-	81
	2056							81
	2010							81
	2360						*	81
	C 19	• (c 11 2 3)	23) Total 450	Records 1 Page	1000	Confirm Cancel	-	_

The values of the custom attributes will get displayed on the interface.

- 3. Click the on the top right corner of the screen, and the custom attributes will be available on the pop-up window.
- 4. The user can categorize the display of the custom fields and choose the required custom field to export according to the requirement.

ZKTEGO	Personnel De	vice MTD	System									<u>0</u> -
ତ ହ 🗉 .	Company X Employee	e 🛛 Custom Attribut	• ×									
Grganization	Add Delete I	mport Personnel 7r	ansfer More								// > 🗆	r# 2
	Employee ID 🗇	First Name 👳	Company Code	Company	Department	Device Privilege	Area	Fingerprint	Face	Palm	O O O Q	
	100 fr	1	1	Company	Department	Employee	Test	Ver 10:2	141	4	VL Face	1
Resign	11.1		1	Company	Department	Employee	Test	-	1		Local Name	8
O [®] Configurations	2021	jikj	4	Company	Department	Employee	Test	Ver 10:1			Last Name	卣
Contractor and the second	0000000		1	Company	Department	Employee	Test				Department Code	8
	650	qwöker	1	Company	Department	Employee	Test	Ver 10:1	141		Hired Date	愈
	10 1	Andy	1	Company	Department	Employee	Test	4	100	18	Position	畲
	777	212	1	Company	Department	Employee	Test	Ver 10:1			Gender	自
	000	000	1	Company	Department	Employee	Test				Email	Ô
	V00000001	ye	1	Company	Department	Employee	Test		140	4	Card NO.	窗
											Area Code	

5. Users may specify the fields that need to be imported when bulk importing employee information.

ZKTECO	Personnel	Device MT	D Sys	tem											<u>Q</u> .
🗞 Q 🗐	Company Emp	oloyee Custom At T Filters -	tribute ×												
🗑 Employee 🔺	And Delete	Import Prison	nel Transfer	More -								11	3		r 3
Employee Resign	Employee ID a	First Name a Import Employee	Come	iany Code	s Company	Departme	nt Device P	wiege	Ares Finger	print Face	Paim	VL Face		81	商
😋 Configurations 💌	8021 2022222	Import File* Company*	Choose File No Company	file chose	en Langu T Existing C	age" English	3					14 (A)			
		Template Demo	Custom import f	ields C		•	F	G	&Download Tem	plate		2			
	A5//	1 Employee ID 2 10001	First Name Kor	Last start	Department Name Position Code Position Name	Pepartment N IR	ame Position Code	Position Name Director	Gender Male / Female	Hired Date 2016-10-14				81	蘭
		3 10002 4 10003	Koe Kosan	Mali Selir	Hired Date Card NO. Ares Code	IR IR	1 2	Director Manager Assist	Male / Female Male / Female	2016-10-14 2016-10-14					
		Description 1. The heads in file 2. The Longloyee ID 3. All column value 4. The Card Number	emplate are requi First Name,Depart should be text fo must be unique	red ment mat	Genoer Moble Berthday Genal Gage uweight				Confir	Cancel					

2.4 Palm and Face Enrollment

The enrollment function facilitates the registration of the employee's face and palm via palm scanner PV10R and face scanner FA10R.

ZKTECO	Personnel				<u>Q</u> .
% Q छ को Organization रू	Company @ Bookma	Add	×		-
🖀 Employee 🔺	ada Tasalana	Finite		1 1 2 1	1 🐔 😤
and the second sec	Emlinitywa	Company Company palmRegister.palm.register	×	VLFACE	7.0
Result	E T	First Name			2 6
9 [°] Configurations +	E 11	Department"			2 B
	1102	Pusition r			
	-	Employment Type			3 A
	1221				2 9
	14222	Private Information Device Access Setting			8 8
	121	Verify Mode : Any			
	E 194	Card NO.			8 8
					6 8
	336		btn.confirm		
	2394	Paim City, Va Lossa	btn.cancel Bio-Photo		
	2.00				1 m
	ELINE				88
	507				
			Contern		
	G 19 -	2 3 28) Total \$24 Records 1 Page Catching			

3 Device Module

3.1 Message

3.1.1 Public Message

All Personnel on the device to which the public message is delivered can see this message.

Select [Device] > [Message] > [Public] > [Add] to add a public message.



3.1.2 Private Message

The selected person can receive the message.

Select [Device] > [Message] > [Private] > [Add] to add a private message.

ZKTECO	Personnel	Device MTE	System	E .									0.
\$ Q	Public · Private												
	💌 🖉 Bookmarks +	Add								×			
Ge Message	Add Dente	Departme = D	epartment 🔍	Q Emplo	yee	Selected 0					7	0	* ≑
Public		Employee ID 💲	First Name 🔅	Last Name	Department	Employee ID 0	First Name	Last Name	Department				
Private		001			Department	1							
-		002			Department		, 1400			- 8			
B. Data	·	1 1	HPP 2061		Department					- 8			
D log	*	104	111.111		Department					- 8			
1.000		10000	w		Department					- 8			
M ₈ configurations		1102	IIIIop		Department								
		12	Nancy		Department					- 8			
		1223	V&M		Department					- 8			
		123	123		Department					- 8			
		20 🗸 Total 430 Rec	ords ()	1 Page	Confirm					-1			
		Start Time*		Duration*	60 Minu	/te(s)				- 1			
		Content*											
										- 1			
									Cardina 20				

3.2 Work Code

Adds different work codes and uploads them to a single device or multiple devices.

Select [Device] > [Data] > [Work Code] to assign work code.

3.3 Command Log

The executed commands will be listed on [Device] > [Log] > [Command Log], and the commands to be executed will be listed on [Device] > [Device] > [Device] Command.

	Personnei	Device	MID System					5
🏷 Q 💷	Device K Comma	ind Log 🖂						
Device 👻	# Bookmarks -	Y Filters -						
Message 👻	Delete Bulk De	lete				11	2 🗆 🤊	* 3
	Serial Number	Device Name	Content	Commit Time 👳	Transfer Time	Réturn Time : ©	Return Value	
uta 👻	ADWZ191960001	Auto add	DATA UPDATE FINGERTMP PIN+1 FID+6 Size+zk bio_size Valid+1 TMP+zk bio_data_000000058_06	2021-03-26 11:41:06	2021-03-26 11:41:06	2021-03-26 11:41:07	Successful	宫
	ADWZ191960001	Auto add	DATA UPDATE USERINFO PIN=1 Name=Grn Pri=0 Passwd= Card= Grp=1 Verify=0	2021-03-26 11.41.06	2021-03-26 11 41 06	2021-03-26 11.41.07	Successful	ė
	ADWZ191960001	Aute add	DATA UPDATE USERINFO PIN=MF00003 Name=7tt = Pn=0 Passed= Card= Grp=1 Venly=0	2021-03-26 11.40.45	2021-03-26 11.40.54	2021-03-26 11.40.55	Successful	8
on Log	ADW2191960001	Auto add	DATA UPDATE USERINFO PIN=MF00002 Name=zounds Pri=0 Passud= Card= Grp=T Verify=0	2021-03-26 11:40:45	2021-03-26 11:40:54	2021-03-26 11:40:55	Successful	會
9	ADWZ191960001	Auto add	DATA UPDATE HINGERTMP PIN=MF00000 FID=6 Size=zk_bio_size Valid=1 TMP=zk_bio_data_000000005	57_06 2021-03-26 11:40:45	2021-03-26 11:40:54	2021-03-26 11:40:55	Successful	8
100	ADWZ191960001	Auto add	DATA UPDATE USERINFO PIN=MF00000 Name=yys Pri=0 Passwd= Card= Grp=1 Verify=0	2021-03-26 11:40:45	2021-03-26 11:40:54	2021-03-26 11:40:55	Successful	Ê
log	ADWZ191960001	Auto add	DATA UPDATE USERINFO PIN+8816 Name+贾多斑 Pri=0 Passwd= Card+ Grp+1 Verify+0	2021-03-26 11:40:45	2021-03-26 11:40:54	2021-03-26 11:40:55	Successful	自
nd Log	ADWZ191960001	Auto add	DATA UPDATE USERINFO PIN+8815 Name+J1_ER Pri+0 Passwd+ Card+ Grp=1 Verify+0	2021-03-26 11:40:45	2021-03-26 11:40:54	2021-03-26 11:40:55	Successful	會
Figurations 👻	ADWZ191960001	Auto add	DATA UPDATE USERINFO PIN=8814 Name=恋用語 Pri=0 Passwd=8814 Card= Grp=1 Verify=0	2021-03-26 11:40:45	2021-03-26 11:40:54	2021-03-26 11.40.55	Successful	8
Anterna Co	ADWZ191960001	Aute add	DATA UPDATE USERINFO PIN=8813 Name=2088 Pn=0 Passwd= Card= Grp=1 Venfy=0	2021-03-26 11.40.45	2021-03-26 11.40.54	2021-03-26 11.40.55	Successful	8
	ADWZ191960001	Auto add	DATA UPDATE USERINFO PIN=0012 Name=mirry Pri=0 Passwd= Card= Grp=1 Verify=0	2021-03-26 11:40:45	2021-03-26 11:40:54	2021-03-26 11:40:55	Successful	言
	ADW2191960001	Auto add	DATA UPDATE USERINFO PIN=8811 Name=Shiyi Pri=0 Passwd= Card= Grp=1 Verify=0	2021-03-26 11:40:44	2021-03-26 11:40:54	2021-03-26 11:40:55	Successful	1
	ADWZ191960001	Auto add	DATA UPDATE USERINFO PIN=2749 Name=Larry Pri=0 Passwd= Card= Grp=1 Verify=0	2021-03-26 11:40:44	2021-03-26 11:40:54	2021-03-26 11:40:55	Successful	8
	ADWZ191960001	Auto add	CHECK ALL	2021-03-26 11:40:13	2021-03-26 11:40:33	2021-03-26 11:40:54	Successful	自
	ADWZ191960001	Auto add	INFO	2021-03-26 11:40:13	2021-03-26 11:40:53	2021-03-26 11:40:44	Successful	8
	CKV5202060017	Auto add	DATA UPDATE FINGERTMP PIN=777 FID=5 Size=2k_bin_cize Valid=1 TMP=2k_bin_data_000000054_05	2021-03-25 16 42 59	2021-03-25 16 43:00	2021-03-25 16:43:01	Successful	8
	CKV5202060017	Aute add	DATA UPDATE USERINFO PIN=777 Name=talafah&hhhh Pri=0 Passwd= Card= Grp=1 Verily=0	2021-03-25 16:42:59	2021-03-25 16:43:00	2021-03-25 16:43:01	Successful	ê
	CKV5202060017	Auto add	DATA UPDATE FINGERTMP PIN=666 FID=5 Size=2k_bro_size Valid=1 TMP=2k_bro_data_000000055_05	2021-03-25 16:42.59	2021-03-25 16:43:00	2021-03-25 16:43:01	Successful	ê
		1. 1	DATA UPDATE USERINFO PIN=666 Name=gwilker Pri=0 Passwd= Card= Gro=1 Verify=0	2021-03-25 16:42:59	2021-03-25 16 42 (9)	2021-01-25 16-41-01	Successful	0

4 System Module

4.1 Database Migrate

ZKBio WDMS supports data migration from ZKBio Time.Net.

ZKTeco	Personnel Device MTD	System	9
🔊 Q 亘	Group X Migrate X		
👹 User 🔻 🔻	Database Migration		
🛢 Database 🔺	Migrate From * 🔵 ZKBio WDMS 5 🛛 ZKB	io WDMS 6 💿 ZK3io Time.Net	
Backup	Database Type * MSSQL Server 🔍	Database Name*	
Migrate	Address *	Port *	
Auto Export 🗾 👻	User*	Password* Ø	
🛓 Auto Import 🛛 🔻	Migration Data Company Area/Zone	Department Employee Device Transaction	
≓ Middleware Table ▼			
ව Log 🗸 👻	Save	Migrate Reset	
📽 Configuration 🔻			

4.2 Auto Import

The automatic import function can import employee information into the system according to the frequency and path set by the user.

4.2.1 Default Import Task

Users can download the template and fill in the personnel information. The system imports personnel information according to the frequency and path set by the user.

Code*	7		Task Name*			
0000				Fundament		
Company*	1.	Ÿ	Import Data Type	Employee	×.	
Existing Data	Ignore	~	Enable	Yes 🔵		
Field		-	&Download	Template		
Import Time Setti	ng Import Pat	th Setting				
Policy	By Interval	v				
Interval*	1	Minutes				
Interval*	1	Minutes				
Interval*	1	Minutes				

4.2.2 User Define Import Task

The user can set the corresponding sequence in the system by referring to the column sequence of the personnel information excel file. The system imports personnel information according to the frequency, path and column order set by the user.

			Task Iva	ine				
Company	*		Import Data T	ype	Employee	2	Ŧ	
Existing Dat	a Ignore	×.	Ena	able	Yes 🔵			
Field	Employee I	D First Name	Last Name	Depa	artmen	Departmen	Positio	Optio
Excel Col	1	2	3	4		5	6	ORes
ETP Serv	setting	import Path Setur	FTP	Path	/Folder/			
THI SER	e.				Support ex	ccel(.xlsx/.xls)		
Import Pa	th E:/Folder, Support ex	/ cel(.xlsx/.xls)	Archived F	Path*	E:/Folder	r/		

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