









# ZKBioSecurity Access Control Devices List

V1.4 2019.3.1

No.	Device Type	Model Name	Firmware Version	Software Version	Remark
1	Controller	InBio160 Pro	AC Ver 5.7.7.3033 Jan 20 2018	ZKBioSecurity3.1.0.0_R or above	
		InBio260 Pro			
		InBio460 Pro			
2	Standalone Devices	inPulse+	 Ver8.0.4.2-20181030 or above	ZKBioSecurity3.1.5.0_R or above	The firmware Ver 8.0.4.2-20181030 or above can be used with ZKBioSecurity3.1.5.0_R version to support more functions such as advanced access control, remote registration, etc. Please refer to the changelog for more details.
		ProBio	 Ver8.0.4.2-20181030 or above		
		ProCapture-T	 Ver8.0.4.2-20181030 or above		
		ProRF-T	 Ver8.0.4.2-20181030 or above		
		ProFAC	 Ver8.0.4.2-20181030 or above		
		ProCapture-X	 Ver8.0.4.2-20181030 or above		
		ProCapture-WP	 Ver8.0.4.2-20181030 or above		
	 ProRF	Ver8.0.4.2-20181030 or above			
3	Visible Light Facial Recognition Devices	FaceDepot-7A	Ver1.0.118 or above	ZKBioSecurity3.1.5.0_R or above	
		FaceDepot-7B	Ver1.0.118 or above	ZKBioSecurity3.2.0.0_R or above	
		SpeedFace-H5	Ver1.0.118 or above		
		SpeedFace-V5	Ver1.0.118 or above		

# ZKTeco ZKBioSecurity Elevator Control Devices List

V1.4 2018.11.1

No.	Devices	Model Name	Connection Mode	Firmware Version	Software Version	Remark
1	Elevator Controller	EC10	Online	Ver 7.0.0 Jul 01 2013 or above	ZKBioSecurity3.1.0.0_R or above	In the Offline mode, Elevator Control module can only support up to 31 floors and personnel access level can only assigned in maximum 2 elevators.
			Offline	Contact Technical Support		
2	Elevator Floor Extension Board	EX16	Online/Offline			
3	Mifare Card Encoder	CR20WM	Offline			
4	RS485 Mifare Reader	KR100-RSEC				
5	Mifare Card	S50				

## ZKTeco ZKBioSecurity Time Attendance Devices List

V1.2 2019.3.1

No.	Device Type	Model Name	Push Version	Firmware Version	Software Version
1	Standalone Devices (Push)	G1	Ver 2.0.28-20170809 or Above	Ver 8.0.4.1-20170906 or Above	ZKBioSecurity3.1.0.0_R or Above
2		G2			
3		G3			
4		G3 Plus	Ver 2.0.30-20171110 or Above	Ver 8.0.4.1-20171121 or Above	
5	Visible Light Facial Recognition Devices (Push)	FaceKiosk-H21	Ver 2.0.34 or Above	Ver 2.1.18 or Above	ZKBioSecurity3.1.5.0_R or Above
6		FaceKiosk-H32			
7		FaceKiosk-V32			
8		FaceKiosk-V43			
9		G4	Ver 2.4.0 or Above	Ver 1.0.140 or Above	

## ZKTeco ZKBioSecurity Consumption Module Devices List

V1.0 2019.3.1

No.	Device Type	Model Name	Model Type	Firmware Version	Photo	Software Version	Remark
1	Consumption Device	ProMerc-10	Hanging	Ver 5.3.6.3_E or above		ZKBioSecurity3.2.0.0_R or above	
		ProMerc-20	Desktop	Ver 5.3.6.2_E or above			
2	Mifare Card Encoder	CR20MW					
3	Mifare Card	S50/S70					




## ZKTeco ZKBioSecurity Parking Module Devices List

V1.1 2018.11.1

No.	Devices Type	Model Name	Software Version
1	LPR Camera	LPRC100	ZKBioSecurity3.1.5.0_R or above
2	LPR Integrated Machine	LPRS1000	ZKBioSecurity3.1.5.0_R or above
		LPRS2000	
3	UHF Card Encoder	UR10R-1E	ZKBioSecurity3.1.5.0_R or above
		UR10R-1F	
4	UHF Reader	UHF1-10E	
		UHF1-10F	
		UHF 6F Pro	
		UHF 6E Pro	
5	UHF Standalone Device	U2000E	
		U2000F	
6	UHF Card	UHF1-Tag1	
		UHF1-Tag3	
		UHF Parking Card	
		UHF Parking Tag	

## ZKTeco ZKBioSecurity Common Hardware Support List

V1.1 2018.11.1

No.	Hardware	Usage	Recommended Accessories						Supported Module	Software Version	Remark
			Country	Brand	Model	USB Cable	Driver	Photo			
1	ID Card Reader	Read Personnel Information from ID Card	Malaysia	IDENTIV	uTrust 2700 R	√	NA		Personnel Hotel Visitor	ZKBioSecurity3.1.0.0_R or Above	
2			U.A.E	ACS	ACR38U-I1	√	NA				
3			Thailand	Zoweetek	12026-3	√	NA				




# ZKTeco ZKBioSecurity Hotel Module Devices List

V1.1 2018.11.1

No.	Device Type	Model Name	Software Version	Remark
1	Hotel Lock	LH1000	ZKBioSecurity3.1.0.0_R or above	
		LH3000		
		LH3600		
		LH4000		
		LH5000		
		<b>NEW</b> LH6000		
		<b>NEW</b> LH6500		
		<b>NEW</b> LH6800		
2	Mifare Card Encoder	CR60W		
3	Mifare Card	S50/S70		Record Card must be S70 Mifare Card.










# ZKTeco ZKBioSecurity Hardware Support List for Personnel Module

V1.1 2018.11.1

No.	Hardware	Usage	Accessories					Software Version
			Recommended					
			Brand	Model	USB Cable	Driver	Photo	
1	Card Printer	Print information on the card for employees.	FARGO	DTC1250e	✓	Download from HID website		ZKBioSecurity 3.1.0.0_R or above
2			IDP	SMART-50S	✓	Download from IDP website		
3			<b>NEW</b> ZKTeco	ZKCP100	✓	Download from built-in CD		ZKBioSecurity 3.1.5.0_R or above

# ZKTeco ZKBioSecurity Hardware Support List for Visitor Module

V1.4 2018.11.1

No.	Hardware	Usage	Accessories					Software Version	Remark
			Recommended						
			Brand	Model	USB Cable	Driver	Picture		
1	 Multifunctional ID Document Scanner for Document Authentication	Easily and efficiently scans ID cards, passports, driver licenses, visas, etc.	Desko	PENTA Scanner	✓	NA		ZKBioSecurity 3.1.5.0_R or above	Desko PENTA scanner can be used with Acuant OCR to support recognition of identity documents from over 190 countries and all 50 US states, and auto-fill the personnel information into ZKBioSecurity Visitor, Personnel and Hotel modules.
2	Fixed mount Barcode Scanner	Read barcodes that printed on the visitor's badge.	ZKTeco	ZKT-BS25/30	✓	NA		ZKBioSecurity 3.1.0.0_R or above	
3	Barcode Scanner (Handheld)	Scan barcode on the visitor receipt or other certificates	MINDEO	MD2250+	✓	NA			
4	Card/Fingerprint Reader	Card Issue or Register fingerprint for visitors.	ZKTeco	CR10E&M/ ZK4500/ ZK8500R/ Live20R	✓	Embed in ZKBioSecurity			
5	High-speed Portable HD Doc Scanner	Take pictures of Certificate and signature etc.	ZKTeco	PDS3000	✓	Embed in ZKBioSecurity			Main Camera: 5 Mega pixels 2592*1944 Vice Camera: 2 Mega pixels 1600*1200 Scan size: Up to A3 size
6	USB HD Network Camera	Take pictures of visitor's portrait.	Logitech	C525	✓	NA			1. If customers need the camera stand, please noted that in the PO once its order. 2. When using USB camera and High-speed portable HD Doc Scanner together, interference willl possibly caused.
7	Receipt Printer	Print common receipt for visitors.	ZKTeco	ZKP8002 <small>(Old Model:TP8016US)</small>	✓	Embed in ZKBioSecurity			
8	Sticker Printer	Print sticker receipt for visitors.	Brother	Brother QL-700	✓	Embed in ZKBioSecurity			1. Create cost-effective paper labels for visitors. Offering ultra-fast, high-quality printing at up to 93 labels per minute, the QL-700 is featured by auto-cutter, giving a clean and accurate finished edge and allowing for printing one or multiple labels at a time, eliminating wasted label sheet 2. The "Plug & Label" feature supports quick label printing of most basic labels, with no software installation required

Brand	Hardware Type	Series	Model Name	Software Version	Functions									
					Capture (Software Linkage)	Video Storage		Video Preview	Maximum Connected Devices	Maximum Connected Cameras				
						ZKBioSecurity Server	NVR / DVR							
ZKTeco	IPC		GT-BB513	ZKBioSecurity3.1.0.0_R or above	✓	✓	✗	✓	16	16				
	IPC		GT-BD513		✓	✓	✗	✓	16	16				
	IPC		GT-DC520-P		✓	✓	✗	✓	16	16				
	IPC		PT-BA294K2		✓	✓	✗	✓	16	16				
	IPC		PT-BA294K4		✓	✓	✗	✓	16	16				
	IPC		PT-DA294K2		✓	✓	✗	✓	16	16				
	NVR		GT-NR401		✗	✓	✓	✓	20	80				
	NVR		ZKNV08025		✗	✓	✓	✓	20	160				
	DVR		GT-ADR401M		✗	✓	✓	✓	20	80				
	DVR / NVR		GT-ADR3208M		✗	✓	✓	✓	20	160				
	NVR		PT-NVR5104		✗	✓	✓	✓	20	80				
	ZKTeco		IPC			ZKMD532		✓	✓	✗	✓	16	16	
ZKTeco	IPC		ZKIP472		✓	✓	✗	✓	16	16				
	IPC		ZKRS72		✓	✓	✗	✓	16	16				
	NVR(4 channels)		ZK-NV0401		✗	✓	✓	✓	20	80				
HIKVISION	IPC	DS	DS-2CD2012-I	ZKBioSecurity3.1.0.0_R or above	✓	✓	✗	✓	16	16				
	NVR	DS	DS-7608N-E2/8P		✓	✓	✓	✓	20	160				
	Multi-DVR	DS	DS-7316HW-SH		✓	✓	✓	✓	20	320				
Dahua	IPC		DH-IPC-HFW4100S-V2	ZKBioSecurity3.1.0.0_R or above	✓	✓	✗	✓	16	16				
			DH-HAC-HDW1100S		✓	✓	✗	✓	16	16				
	NVR		NVR4104H-P		✓	✓	✓	✓	20	160				
	DVR		DH/HCVR4104HS-V3		✓	✓	✓	✓	20	80				
Dahua	HDCVI		HCVR5104H-S2	ZKBioSecurity3.1.0.0_R or above	✓	✓	✓	✓	20	80				
			HCVR5104H-S3		✓	✓	✓	✓	20	80				
			XVRS104		✓	✓	✓	✓	20	80				
			HCVR5108H-S2		✓	✓	✓	✓	20	160				
			HCVR5108H-S3		✓	✓	✓	✓	20	160				
			XVRS108		✓	✓	✓	✓	20	160				
			HCVR5116H-S2		✓	✓	✓	✓	20	320				
			HCVR5116H-S3		✓	✓	✓	✓	20	320				
			XVRS116		✓	✓	✓	✓	20	320				
			HCVR5216A-S2		✓	✓	✓	✓	20	320				
			HCVR5216A-S3		✓	✓	✓	✓	20	320				
			HCVR7204A-S2		✓	✓	✓	✓	20	80				
			HCVR4104HS-S2		✓	✓	✓	✓	20	80				
			HCVR4104HS-S3		✓	✓	✓	✓	20	80				
			XVR4104		✓	✓	✓	✓	20	80				
			HCVR4108HS-S2		✓	✓	✓	✓	20	160				
			HCVR4108HS-S3		✓	✓	✓	✓	20	160				
			XVR4108		✓	✓	✓	✓	20	160				
			HCVR4116HS-S2		✓	✓	✓	✓	20	320				
			HCVR4116HS-S3		✓	✓	✓	✓	20	320				
			XVR4116		✓	✓	✓	✓	20	320				
			HCVR4208A-S2		✓	✓	✓	✓	20	160				
			HCVR4216A-S2		✓	✓	✓	✓	20	320				
			HCVR7104H-S3		✓	✓	✓	✓	20	80				
			HCVR7108H-S3		✓	✓	✓	✓	20	160				
			XVR7104H-4M		✓	✓	✓	✓	20	80				
			XVRS216AN		✓	✓	✓	✓	20	320				
			Dahua		IPC		IPC-HDW4100SP	ZKBioSecurity3.1.0.0_R or above	✓	✓	✗	✓	16	16
							IPC-HDW4421MP		✓	✓	✗	✓	16	16
							IPC-HFW5202CP		✓	✓	✗	✓	16	16
							IPC-HFW-1220SP		✓	✓	✗	✓	16	16
							IPC-HF8301EP		✓	✓	✗	✓	16	16
							HFW4300EP		✓	✓	✗	✓	16	16
							HFW2100RP-VF		✓	✓	✗	✓	16	16
							HFW2320RP-ZS		✓	✓	✗	✓	16	16
							IPC-HDW1220SP		✓	✓	✗	✓	16	16
IPC-HDBW5221EP-Z	✓	✓		✗			✓		16	16				
IPC-HF5221E	✓	✓		✗			✓		16	16				
IPC-HF5121E	✓	✓		✗			✓		16	16				
IPC-HFW5221E-Z	✓	✓		✗			✓		16	16				
IPC-HDBW5421E-Z	✓	✓		✗			✓		16	16				
Dahua	NVR			NVR4204-4P			ZKBioSecurity3.1.0.0_R or above		✓	✓	✓	✓	20	80
				NVR4208-8P					✓	✓	✓	✓	20	160
			NVR4216-8P	✓	✓	✓		✓	20	320				
ZKTeco	IPC	8000	ES-852T12H	ZKBioSecurity3.1.5.0_R or above	✓	✓	✗	✓	16	16				
			ES-852T11H		✓	✓	✗	✓	16	16				
			ES-852T13H		✓	✓	✗	✓	16	16				
			BS-852T11K		✓	✓	✗	✓	16	16				
			BS-852T12K		✓	✓	✗	✓	16	16				
			BS-852T13K		✓	✓	✗	✓	16	16				
			BL-852T28L		✓	✓	✗	✓	16	16				
			DL-852T28B		✓	✓	✗	✓	16	16				
			EL-852T28I		✓	✓	✗	✓	16	16				
			ES-852O12H		✓	✓	✗	✓	16	16				
			ES-852O11H		✓	✓	✗	✓	16	16				
			ES-852O13H		✓	✓	✗	✓	16	16				
			BS-852O11K		✓	✓	✗	✓	16	16				
			BS-852O12K		✓	✓	✗	✓	16	16				
			BS-852O13K		✓	✓	✗	✓	16	16				
			BL-852O28L		✓	✓	✗	✓	16	16				
			EL-852O28I		✓	✓	✗	✓	16	16				
			DL-852O28B		✓	✓	✗	✓	16	16				
			ES-854N12H		✓	✓	✗	✓	16	16				
			ES-854N11H		✓	✓	✗	✓	16	16				
			ES-854N13H		✓	✓	✗	✓	16	16				
			BS-854N11K		✓	✓	✗	✓	16	16				
			BS-854N12K		✓	✓	✗	✓	16	16				
			BS-854N13K		✓	✓	✗	✓	16	16				
			BL-854N28L		✓	✓	✗	✓	16	16				
			EL-854N28I		✓	✓	✗	✓	16	16				
			DL-854N28B		✓	✓	✗	✓	16	16				
			IPC				FC320		✓	✓	✗	✓	16	16
ZKTeco	NVR	8000	Z8504NER	ZKBioSecurity3.1.5.0_R or above	✗	✓	✓	✓	20	80				
			Z8508NER		✗	✓	✓	✓	20	160				
			Z8516NER		✗	✓	✓	✓	20	320				
			Z8504NER-4P		✗	✓	✓	✓	20	80				
			Z8508NER-8P		✗	✓	✓	✓	20	160				
			Z8516NFR		✗	✓	✓	✓	20	320				
			Z8532NFR		✗	✓	✓	✓	20	640				
			Z8516NFR-16P		✗	✓	✓	✓	20	320				
			Z8532NFR-16P		✗	✓	✓	✓	20	640				
			Z8536NMR		✗	✓	✓	✓	20	720				
			Z8536NMR-4F		✗	✓	✓	✓	20	720				
			Z8536NHR		✗	✓	✓	✓	20	720				
			Z8564NHR		✗	✓	✓	✓	20	1280				
			Z8564NTR		✗	✓	✓	✓	20	1280				
			Z85128NTR		✗	✓	✓	✓	20	2560				

ZKTeco ZKBioSecurity 3rd Party Onvif Cameras Supported List

Brand	Hardware Type	Series	Model Name	Software Version	Functions					
					Capture (Software Linkage)	Video Storage		Video Preview	Maximum Connected Devices	Maximum Connected Cameras
						ZKBioSecurity Server	NVR / DVR			
Axis	IPC		M3045-V	ZKBioSecurity3.1.0.0_R or above	✓	✓	✗	✓	16	16
Panasonic	IPC		K-EW114L03AE		✓	✓	✗	✓	16	16
Geovision	IPC		GV-EFD1100		✓	✓	✗	✓	16	16
Sony	IPC		SNC-DH210T		✓	✓	✗	✓	16	16
	IPC		SNC-XM631		✓	✓	✗	✓	16	16

ZKTeco ZKBioSecurity Photo & Video Capture Delay Detail

Functions	Status	Delay	Remark	Storage	Remark
Photo Capture on ZKBioSecurity Server (Software Linkage)	For Sale	2-5s	Only support capture on server.	ZKBioSecurity Server	Tips: 1. If users concerned about the real time of the photo and video records, ZKTeco do not recommend the Photo & Video Capture on ZKBioSecurity Server. 2. For the real time video capture function, please use the video record on NVR / DVR function instead.
Video Record on ZKBioSecurity Server	For Sale	3-8s	Only record video on server.	ZKBioSecurity Server	
Video Record on NVR / DVR	For Sale	2-5s (not include prerecord)	It has 10s prerecord time, so it can minimize the record delay scenario.	NVR / DVR	

# ZKTeco ZKBioSecurity Server Configuration

V1.5 2019.3.1

No.	Application Scenarios	Server Quantity	Usage	Software Version	Recommended Database	Firewall	Server OS	Client's Browser	Screen Resolution	Minimum Server Configuration			Recommended Server										
										RAM	CPU	Hard Disk Space	Brand	Model Name	RAM	CPU	Hard Disk	Reference Budget					
1	SME Project	Single Server	Access Control: ≤50 devices (PUSH Firmware only) or Time Attendance: ≤50 devices	ZKBioSecurity3.2.0.0_R or above(*32bit Package)						4GB	Dual core processor with speeds of 2.4GHz or higher	30GB	DELL	Optiplex 3020	8GB (4GB+4GB) 1600MHz DDR3	Intel Core i3-4130 CPU @3.4GHz quad core (i3/i5/i7)	500G	USD 560					
			Elevator Control: ≤10 devices																				
			Visitor: 1000 people per month																				
			Video Linkage Without NVR: ≤8 chls With NVR: 1-64 chls																				
			Patrol: ≤50 devices																				
			Hotel: ≤25 Locks																				
			Parking LPR: ≤4 Cameras																				
Consumption: ≤10 devices																							
2	Medium Enterprise Project	Single Server	Access Control: ≤100 devices (PUSH Firmware only) or Time Attendance: ≤100 devices	ZKBioSecurity3.2.0.0_R or above(*32bit Package)	1. PostgreSQL(built-in) 2. SQL Server or Oracle (must be installed by customer) 3. It's better to install the SQL Server or Oracle on remote server	TCP/UDP 8080 (Open Ports Required)	Windows 7 Windows 8 Windows 10 Windows Server 2008 Windows Server 2012	Chrome Opera Firefox IE11 Safari	1024*768 or above	8GB	Dual core processor with speeds of 2.4GHz or higher	50GB	LENOVO	ThinkServer RD440	16GB ECC 1600MHz DDR3	Intel Xeon E5-2407 V2 @2.4GHz quad core	2*600GB SAS 3.5 inches ES hard disk 15K.	USD 2,900					
			Elevator Control: ≤ 30 devices																				
			Visitor: 2000 people per month																				
			Video Linkage Without NVR: ≤8 chls With NVR: 1-64 chls																				
			Patrol: ≤100 devices																				
			Hotel: ≤50 Locks																				
			Parking LPR: ≤4 Cameras																				
Consumption: ≤10 devices																							
3	International Enterprise Project	Single Server	Access Control: ≤200 devices (PUSH Firmware only) or Time Attendance: ≤200 devices	ZKBioSecurity3.2.0.0_R or above(*32bit Package)					1024*768 or above	8GB	Dual core processor with speeds of 2.4GHz or higher	100GB	DELL	PowerEdgeR520	32GB DDR3	Intel Xeon E5-2407 V2 @2.4GHz quad core	DELL PERC S110 (1999G)	USD 3,000					
			Elevator Control: ≤ 50 devices																				
			Visitor: 5000 people per month																				
			Video Linkage Without NVR: ≤16 chls With NVR: 1-128 chls																				
			Patrol: ≤200 devices																				
			Hotel: ≤100 Locks																				
			Parking LPR: ≤4 Cameras																				
	Consumption: ≤10 devices																						
	Multiple Server	Access Control: >200 devices (PUSH Firmware only) or Time Attendance: >200 devices	ZKBioSecurity3.2.0.0_R or above(*32bit Package)												16GB	X64-capable dual core processor with speeds of 2.7GHz or higher	200GB						
		Elevator Control: >50 devices																					
		Visitor: >20000 people per month																					
		Video Linkage Without NVR: ≤16 chls With NVR: 1-128 chls																					
		Patrol: > 200 devices																					
		Hotel: >100 Locks																					
Parking LPR: ≤4 Cameras																							
Consumption: > 10 devices																							

1. The 32bit package(EN\_ZKBioSecurity3.2.0.0\_R\_X86) can be installed on both the 32bit and 64bit windows system.  
2. This 64bit package(EN\_ZKBioSecurity3.2.0.0\_R\_X64) can only be installed on 64bit windows system.