

ZKTeco ZKBioSecurity Time Attendance Devices List

V1.0 2018.1.8

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	




ZKTeco ZKBioSecurity Parking Module Devices List

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No.	Devices Type	Model Name	Software Version
1	LPR Camera	LPRC100	ZKBioSecurity3.1.0.0_R or Above
2	UHF Card Encoder	UR10R-1E	
		UR10R-1F	
3	UHF Reader	UHF1-10E	
		UHF1-10F	
4	UHF Standalone Device	U2000E	
		U2000F	
5	UHF Card	UHF1-Tag1	
		UHF1-Tag3	

ZKTeco ZKBioSecurity Common Hardware Support List

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


ZKTeco ZKBioSecurity Hotel Module Devices List








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No.	Device Type	Model Name	Software Version	Remark
1	Hotel Lock	LH1000	ZKBioSecurity3.0.5.0_R or Above	
		LH2600		
		LH3000		
		LH3600		
		LH4000		
		LH5000		
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

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No.	Hardware	Usage	Accessories					Software Version
			Recommended					
			Brand	Model	USB Cable	Driver	Photo	
1	Card Priter	Print the information on the card for employees.	FARGO	DTC1250e	✓	Download from HID website		ZKBioSecurity 3.0.5.0_R or Above
2			IDP	SMART-50S	✓	Download from IDP website		

No.	Hardware	Usage	Accessories					Software Version	Remark
			Recommended						
			Brand	Model	USB Cable	Driver	Picture		
1	Fixed mount Barcode Scanner	Read barcodes that printed on the visitor's badge.	ZKTeco	ZKT-BS25/30	✓	NA		ZKBioSecurity 3.0.5.0_R or Above	
2	Barcode Scanner (Hand Held)	Scan barcode on the visitor receipt or other certificates	MINDEO	MD2250+	✓	NA			
3	Card/Fingerprint Reader	Issue Card or Register fingerprint for visitors.	ZKTeco	CR10E&M/ ZK4500/ ZK8500R/ Live20R	✓	Embed in ZKBioSecurity			
4	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
5	USB HD Network Camera	Take pictures of visitor's head portrait.	Logitech	C525	✓	NA			1.If customers need the camera stand, please noted that in the PO once its order. 2.There are possibilities that when using USB camera and High-speed portable HD Doc Scanner together, those devices will be interference.
6	Receipt Printer	Print common receipt for visitors.	ZKTeco	ZKP8002 <small>(Old Model:TP8016US)</small>	✓	Embed in ZKBioSecurity			
7	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 features an auto cutter, giving a clean and accurate finished edge and allowing for printing one or multiple labels at a time, eliminating wasted label sheets. 2.The "Plug & Label" feature supports quick label printing of most basic labels, with no software installation required.

ZKTeco ZKBioSecurity Video Linkage Devices List

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Brand	Hardware Type	Series	Model Name	Software Vesion	Functions								
					Capture (software linkage)	Video Storage		Video Preview	Maximum Connected Devices	Maximum Connected Cameras			
						ZKBioSecurity Server	NVR / DVR						
ZKTeco	IPC		GT-BB513	ZKBioSecurity3.0.5.0_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		ZKNV0802S		✗	✓	✓	✓	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		ZKIR572		✓	✗	✓	16	16				
	NVR(4 channels)		ZK-NV0401		✗	✓	✓	20	80				
HIKVISION	IPC	DS	DS-2CD2012-I	ZKBioSecurity3.0.1.0 or Above	✓	✓	✗	✓	16	16			
	NVR	DS	DS-7608NI-E2/8P		✓	✓	✓	✓	20	160			
	Multi-DVR	DS	DS-7316HWI-SH		✓	✓	✓	✓	20	320			
Dahua	IPC		DH-IPC-HFW4100S-V2	ZKBioSecurity3.0.1.0 or Above	✓	✓	✗	✓	16	16			
			DH-HAC-HDW1100S		✓	✓	✗	✓	16	16			
	NVR		NVR4104H-P		✓	✓	✓	✓	20	160			
	DVR		DH/HCVR4104HS-V3		✓	✓	✓	✓	20	80			
Dahua	HDCVI		HCVRS104H-S2	ZKBioSecurity3.0.1.0 or Above	✓	✓	✓	✓	20	80			
	HDCVI		HCVRS104H-S3		✓	✓	✓	✓	20	80			
	HDCVI		XVRS104		✓	✓	✓	✓	20	80			
	HDCVI		HCVRS108H-S2		✓	✓	✓	✓	20	160			
	HDCVI		HCVRS108H-S3		✓	✓	✓	✓	20	160			
	HDCVI		XVRS108		✓	✓	✓	✓	20	160			
	HDCVI		HCVRS116H-S2		✓	✓	✓	✓	20	320			
	HDCVI		HCVRS116H-S3		✓	✓	✓	✓	20	320			
	HDCVI		XVRS116		✓	✓	✓	✓	20	320			
	HDCVI		HCVRS216A-S2		✓	✓	✓	✓	20	320			
	HDCVI		HCVRS216A-S3		✓	✓	✓	✓	20	320			
	HDCVI		HCVR2204A-S2		✓	✓	✓	✓	20	80			
	HDCVI		HCVR4104HS-S2		✓	✓	✓	✓	20	80			
	HDCVI		HCVR4104HS-S3		✓	✓	✓	✓	20	80			
	HDCVI		XVR4104		✓	✓	✓	✓	20	80			
	HDCVI		HCVR4108HS-S2		✓	✓	✓	✓	20	160			
	HDCVI		HCVR4108HS-S3		✓	✓	✓	✓	20	160			
	HDCVI		XVR4108		✓	✓	✓	✓	20	160			
	HDCVI		HCVR4116HS-S2		✓	✓	✓	✓	20	320			
	HDCVI		HCVR4116HS-S3		✓	✓	✓	✓	20	320			
	HDCVI		XVR4116		✓	✓	✓	✓	20	320			
	HDCVI		HCVR4208A-S2		✓	✓	✓	✓	20	160			
	HDCVI		HCVR4216A-S2		✓	✓	✓	✓	20	320			
	HDCVI		HCVR7104H-S3		✓	✓	✓	✓	20	80			
	HDCVI		HCVR7108H-S3		✓	✓	✓	✓	20	160			
	HDCVI		XVR7104H-4M		✓	✓	✓	✓	20	80			
HDCVI	XVRS216AN	✓	✓	✓	✓	20	320						
Dahua	IPC		IPC-HDW4100SP	ZKBioSecurity3.0.1.0 or Above	✓	✓	✗	✓	16	16			
	IPC		IPC-HDW4421MP		✓	✓	✗	✓	16	16			
	IPC		IPC-HFW5202CP		✓	✓	✗	✓	16	16			
	IPC		IPC-HFW-1220SP		✓	✓	✗	✓	16	16			
	IPC		IPC-HF8301EP		✓	✓	✗	✓	16	16			
	IPC		HFW4300EP		✓	✓	✗	✓	16	16			
	IPC		HFW2100RP-VF		✓	✓	✗	✓	16	16			
	IPC		HFW2320RP-ZS		✓	✓	✗	✓	16	16			
	IPC		IPC-HDW1220SP		✓	✓	✗	✓	16	16			
	IPC		IPC-HDBW5221EP-Z		✓	✓	✗	✓	16	16			
	IPC		IPC-HF5221E		✓	✓	✗	✓	16	16			
	IPC		IPC-HF5121E		✓	✓	✗	✓	16	16			
	IPC		IPC-HFW5221E-Z		✓	✓	✗	✓	16	16			
	IPC		IPC-HDBW5421E-Z		✓	✓	✗	✓	16	16			
	Dahua		NVR			NVR4204-4P	ZKBioSecurity3.0.1.0 or Above	✓	✓	✓	✓	20	80
			NVR			NVR4208-8P		✓	✓	✓	✓	20	160
NVR			NVR4216-8P	✓	✓	✓		✓	20	320			

ZKTeco ZKBioSecurity 3rd Party Onvif Cameras Supported List

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Brand	Hardware Type	Series	Model Name	Software Vesion	Functions					
					Capture (software linkage)	Video Storage		Video Preview	Maximum Connected Devices	Maximum Connected Cameras
						ZKBioSecurity Server	NVR / DVR			
Axis	IPC		M3045-V	ZKBioSecurity3.0.5.0_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

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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	ZKBioSecurity3.1.0.0_R or Above(*32bit Package)						4GB	Dual core processor with speeds of 2.4GHz or more	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																		
2	Medium Enterprise Project	Single Server	Access Control: ≤100 devices (PUSH Firmware only) or Time Attendance: ≤100 devices	ZKBioSecurity3.1.0.0_R or Above(*32bit Package)	1. PostgreSQL(built-in) 2. SQL Server or Oracle (must 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 more	8GB	Dual core processor with speeds of 2.4GHz or more	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																		
3	International Enterprise Project	Single Server	Access Control: ≤200 devices (PUSH Firmware only) or Time Attendance: ≤200 devices	ZKBioSecurity3.1.0.0_R or Above(*32bit Package)						8GB	Dual core processor with speeds of 2.4GHz or more	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																	
			Multiple Server	Access Control: >200 devices (PUSH Firmware only) or Time Attendance: >200 devices						ZKBioSecurity3.1.0.0_R or Above(*32bit Package)								
				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																		

* 1. The 32bit package(EN_ZKBioSecurity3.1.0.0_R_X86) can be installed on both the 32bit and 64bit windows system.
2. This 64bit package(EN_ZKBioSecurity3.1.0.0_R_X64) can only be installed on 64bit windows system.