ZKBioSecurity 3.0 Access Control Devices List

No.	Device Type	Model Name	Firmware Version (PUSH Firmware Only)	Software Version
1	Controller	InBio160 Pro	AC Ver 5.7.6.3026 Aug 08 2015 or Above	ZKBioSecurity3.0.1.0 or Above
		InBio260 Pro		
		InBio460 Pro		
2	Standalone Devices	inPulse	Ver8.0.1.3-4549-01 or Above	
		inPulse+	Ver8.0.1.3-4549-01 or Above	
		ProBio	Ver8.0.1.3-4549-01 or Above	
		ProCapture-T	Ver8.0.1.3-4549-01 or Above	
		ProRF-T	Ver8.0.1.3-4549-01 or Above	
		ProFAC	Ver8.0.1.3-4549-01 or Above	

ZKBioSecurity 3.0 Elevator Control Devices List

No.	Devices	Model Name	Firmware Version	Software Version	Remark
1	Elevator Controller	EC10	Ver 7.0.0 Jul 01 2013 or Above	ZKBioSecurity3.0.1.0 or Above	Offline elevator control system has not released yet (only for customization).
2	Elevator Floor Extension Board	EX16			

ZKBioSecurity 3.0 Hardware Support List for Visitor Module

No.	Hardware	Usage	Accessories					Software Version	Remark
			Recommended						
			Brand	Model	USB Cable	Driver	Picture		
1	Certificate Scanner	Scan ID card, passport, driver's license and other certificates.	JUDUN	FS531-U	✓	Embed in ZKBioSecurity		ZKBioSecurity3.0.1.0 or Above	Capturing images for certificates only
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 the certification photo and signature etc.	Eloam	T850	✓	Embed in ZKBioSecurity			5 million pixels
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.	Rongta	RP80III	✓	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.

ZKBioSecurity 3.0 Video Linkage Devices List

Brand	Hardware Type	Series	Model Name	Software Vesion	Functions					
					Capture (software linkage)	Video Storage		Video Preview	Maximum Conntected Devices	Maximum Conntected Cameras
						ZKBioSecurity Server	NVR / DVR			
ZKTeco	IPC		ZKMD532	ZKBioSecurity3.0.1.0 or Above	✓	✓	×	✓	16	16
ZKTeco	IPC		ZKIR572		✓	✓	×	✓	16	16
	NVR(4 channels)		ZK-NV0401		×	✓	✓	✓	20	80
HIKVISION	IPC	DS	DS-2CD2012-I		✓	✓	×	✓	16	16
	NVR	DS	DS-7608NI-E2/8P		✓	✓	✓	✓	20	160
	Multi-DVR	DS	DS-7316HWI-SH		✓	✓	✓	✓	20	320
Dahua	IPC		DH-IPC-HFW4100S-V2		✓	✓	×	✓	16	16
			DH-HAC-HDW1100S		✓	✓	×	✓	16	16
	NVR		NVR4104H-P		✓	✓	✓	✓	20	160
	DVR		DH/HCVR4104HS-V3		✓	✓	✓	✓	20	80

ZKBioSecurity 3.0 Photo & Video Capture Delay Detail

Functions	Status	Delay	Remark	Storage	
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	

ZKBioSecurity 3.0 Server Configuration

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) Elevator Control: ≤10 devices Visitor: 1000 people per month Video Linkage Without NVR: ≤8 chls With NVR: 1-64 chls	ZKBioSecurity3.0.1.0 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	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
2	Medium Enterprise Project	Single Server	Access Control: ≤100 devices (PUSH Firmware only) Elevator Control: ≤ 30 devices Visitor: 2000 people per month Video Linkage Without NVR: ≤8 chls With NVR: 1-64 chls	ZKBioSecurity3.0.1.0 or Above (*32bit Package)						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
3	International Enterprise Project	Single Server	Access Control: ≤200 devices (PUSH Firmware only) Elevator Control: ≤ 50 devices Visitor: 5000 people per month Video Linkage Without NVR: ≤16 chls With NVR: 1-128 chls	ZKBioSecurity3.0.1.0 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
		Multiple Server	Access Control: >200 devices (PUSH Firmware only) Elevator Control: >50 devices Visitor: >20000 people per month Video Linkage Without NVR: ≤16 chls With NVR: 1-128 chls	ZKBioSecurity3.0.1.0 or Above (*64bit Package)						16GB	X64-capable dual core processor with speeds of 2.7GHz or more	200GB						

* 1. The 32bit package(EN_ZKBioSecurity3.0.1.0_R_20160330_X86) can be installed on both the 32bit and 64bit windows system.
2. This 64bit package(EN_ZKBioSecurity3.0.1.0_R_20160330_X64) can only be installed on 64bit windows system.