



# 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)	ZKBioSecurity3.0.1.0 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																					
2	Medium Enterprise Project	Single Server	Access Control: ≤100 devices (PUSH Firmware only)	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	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																					
3	International Enterprise Project	Single Server	Access Control: ≤200 devices (PUSH Firmware only)	ZKBioSecurity3.0.1.0 or Above (*32bit Package)					1024*768 or more	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																					
		Multiple Server	Access Control: >200 devices (PUSH Firmware only)	ZKBioSecurity3.0.1.0 or Above (*64bit Package)												16GB	X64-capable dual core processor with speeds of 2.7GHz or more	200GB						
			Elevator Control: >50 devices																					
			Visitor: >20000 people per month																					
			Video Linkage Without NVR: ≤16 chls With NVR: 1-128 chls																					

\*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.