

ZKBioSecurity Access Control Devices List

V2.1 June 21, 2021

No.	Device Type	Model Name	Firmware Version	Software Version	Remark
1	Controller	InBio160 Pro	AC Ver 5.7.8.3033 Feb 7 2021	V5000 2.0.0_R or Above	The AC Ver 5.7.8.3033 Feb 7 2021 or above version work with QR50 reader to support Dynamic QR code verification.
		InBio260 Pro			
		InBio460 Pro			
2	Standalone Devices	inPulse+	Ver8.0.4.2-20181030 or Above		
		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	ZK-ZLM60-NSNF-Ver2.0.6		
3	Visible Light Facial Recognition Devices(Acc PUSH)	ProBio(QR)	Ver8.0.4.6-20210414 or Above	V5000 4.0.0_R or Above	
		FaceDepot-7A	Ver1.0.118 or Above	V5000 2.0.0_R or Above	
		FaceDepot-7B	Ver1.0.118 or Above		
		SpeedFace-H5	Ver1.0.118 or Above		
		SpeedFace-V5	Ver1.0.118 or Above		
		ProFace X	Ver 9.0.1.10-20190820 or Above		
		ProFace X [P]	ZAM170-NF-Ver1.3.5		
		Elite Pass	ZAM170-NF-Ver1.1.29	V5000 3.0.0_R or Above	
		Elite Access	ZAM170-NF-Ver1.1.29		
		ProFace X [TD]	ZAM170-NF-Ver1.3.5		
		SpeedFace-V5L[TD]	ZAM170-NF-Ver1.3.5		
		ProFace X [TI]	ZAM170-NF-Ver1.5.8		
		SpeedFace-V5L[TI]	ZAM170-NF-Ver1.5.8		
ProFace X [SL]	ZAM170-NF-Ver1.8.19 or Above	V5000 4.1.0_R or Above			

ZKBioSecurity Elevator Control Devices List

V2.1 June 21, 2021

No.	Device Type	Model Name	Connection Mode	Firmware Version	Software Version	Remark
1	Elevator Controller	EC10	Online	Ver 7.0.0 Jul 01 2013 or Above	3.2.0.0_R - V5000 4.1.0_R	It support up to 58 floors maximum.

ZKBioSecurity Time Attendance Devices List

V1.7 January 27, 2021

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	V5000 4.0.0_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		G3 Pro	Ver2.0.325-20191223	ZMM720-NF-Ver1.0.13 or Above	
6	Visible Light Facial Recognition Devices(Att Push)	G4	Ver 2.4.0 or Above	Ver 1.0.140 or Above	
7		Horus		Ver 1.0.229	

ZKBioSecurity Consumption(Online&Offline) Module Devices List

V2.5 June 21, 2021

No.	Device Type	Model Name	Model Type	Firmware Version	Image	Software Version	Remark
1	Offline Consumption Device	ProMerc-10	Hanging	Ver 5.3.6.3_E or Above		3.2.0.0_R - V5000 4.1.0_R	It's offline mode for consumption management.
		ProMerc-20	Desktop	Ver 5.3.6.2_E or Above			
2	Mifare Card Encoder	CR20MW					
3	Mifare Card	S50/S70					
5	Online Consumption Device	ProMerc-100	Desktop	1.0.4.7-1202		V5000 4.1.0_R	It's online mode for consumption management.
6	Online Consumption Device	ProMerc-200	Hanging	1.0.4.7-0406			

ZKBioSecurity FaceKiosk Module Devices List

V1.6 June 21, 2021

No.	Device Type	Model Name	Firmware Version	Software Version	Remark
1	FaceKiosk	FaceKiosk-V43	V2.2.4-1.2.36	V5000 4.0.0_R or above	Facekiosk can be visitor self-registration terminal
2		FaceKiosk-V32			
3		FaceKiosk-H32			
4		FaceKiosk-H21			
5		FaceKiosk-H13/H13C/H13C(TD)			

ZKBioSecurity Parking Module Devices List

V1.8 June 21, 2021

No.	Device Type	Model Name	Software Version
1	LPR Camera	LPRC100	V5000 2.0.0_R or Above
		LPRC300	V5000 4.1.0_R
2	LPR Integrated Machine	LPRS1000	V5000 2.0.0_R or Above
		LPRS2000	
3	UHF Card Encoder	UR10R-1E	V5000 2.0.0_R or Above
		UR10R-1F	
4	UHF Reader	UHFI-10E	
		UHFI-10F	
		UHF 6F Pro	
		UHF 6E Pro	
5	UHF Standalone Device	U2000E	V5000 2.0.0_R or Above
		U2000F	
6	UHF Card	UHFI-Tag1	V5000 2.0.0_R or Above
		UHFI-Tag3	
		UHF Parking Card	
		UHF Parking Tag	

ZKBioSecurity Entrance Control Devices List

V1.0 January 28, 2021

No.	Device Type	Device Type	Model Name	Firmware Version	Software Version	Remark
1	Security Gate Controller		PGIC10、PGIC10-SV	Ver_8.0.3.8_20200602	V5000 4.0.0_R or Above	
2	Flap Barrier	FBL Series	FBL1000, FBL1200, FBL2000, FBL2200, FBL4000 Pro, FBL4200 Pro, FBL6000 Pro, FBL6200 Pro	Gate board firmware: V7.0.6		
3	Swing Barrier	SBT Series	SBT2000S	Gate board firmware: V1.1.2		
			SBTL2000, SBTL2200, SBTL5000, SBTL5200, SBTL6000, SBTL6200	Gate board firmware: V6.0.6		
		SBTL Series	SBTL7000, SBTL7200	Gate control board firmware: STBH4000 MAIN-20201109-V1.1		
			SBTL9000, SBTL9200	Ver2020.09.27-001 Firmware support LCD Screen: GateBanner_release_20201102_008		

ZKBioSecurity Commonly Supported Hardware List

V1.7 June 21, 2021

No.	Hardware	Usage	Recommended Accessories					Supported Modules	Software Version	Remark
			Country	Brand	Model	USB Cable	Driver			
1	ID Card Reader	Reads the Personal Information from ID Card	Malaysia	IDENTIV	uTrust 2700 R	✓	NA		Personnel Hotel Visitor	V5000 2.0.0_R or Above
2			U.A.E	ACS	ACR38U-11	✓	NA			
3			Thailand	R&D	TRK2700RB	✓	NA			

ZKBioSecurity Supported Hardware List for Personnel/ Visitor Module

V1.3 June 21, 2021

No.	Hardware	Usage	Accessories				Software Version	Remark
			Recommended					
			Brand	Model	USB Cable	Driver		
1	Card Printer	Prints the information on the employee's/ visitor's card.	FARGO	DTC1250e	✓	Can be downloaded from HID website	V5000 2.0.0_R or Above	
2			IDP	SMART-50S	✓	Can be downloaded from IDP website		
3			ZKTeco	ZKCP100	✓	Can be downloaded from built-in CD		

ZKBioSecurity Supported Hardware List for Visitor Module

V2.0 June 23, 2021

No.	Hardware	Usage	Accessories				Software Version	Remark	
			Recommended						
			Brand	Model	USB Cable	Driver			
1	Near-infrared Palm Data Capture Scanner	Touchless scanner for capturing palm and vein features.	ZKTeco	PV10R	✓	Embedded in ZKBioSecurity		V5000 4.0.0_R	
2	Multi-functional ID Document Scanner for Document Authentication	Effectively scans ID Cards, Passports, Driver licenses, VISA's, etc.	ZKTeco	RS100	✓	NA		V5000 4.0.0_R or above	Supports recognition of Passports from 191 countries and ID documents from Hong Kong, Thailand and Indonesia. It also auto-fills the personnel information to Visitor and Personnel modules.
3	Multifunctional ID Document Scanner for Document Authentication	Effectively scans ID Cards, Passports, Driver licenses, VISA's, etc.	Desko	PENTA Scanner	✓	Yes		V5000 4.0.1_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. It also auto-fills the personnel information to Visitor, Personnel and Hotel modules.
4	Fixed mount QR code Scanner	Scans QR code generated from Access Control and Visitor Module.	ZKTeco	QR50	✗	NA		V5000 4.1.0_R	The QR50 reader can work with InBio Pro Controller to read both dynamic&static QR code generated from ZKBioSecurity mobile APP, printed from visitor module etc....
5	Barcode Scanner (Handheld)	Scans barcode on the visitor receipt or other certificates	ZKTeco	ZKB202	✓	NA			
6	Card/Fingerprint Reader	Issues card or registers the fingerprint of the visitors.	ZKTeco	CR10E8M/ ZK4500/ ZK8500R	✓	Embedded in ZKBioSecurity			
7	High speed Portable HD Doc Scanner	Takes picture of certificate, signature, etc.	ZKTeco	PDS3000	✓	Embedded in ZKBioSecurity		V5000 3.0.0_R or Above	Primary Camera: 5 Mega pixels 2592*1944 Secondary Camera: 2 Mega pixels 1600*1200 Scan size: Up to A3 size
8	USB HD Network Camera	Takes picture of the visitors	Logitech	CS25	✓	NA			1. If the Customer needs a camera stand, please note that in PO once the order is placed. 2. There are possibilities of interference when a USB camera and an HD Document scanner are used together.
9	Receipt Printer	Prints common receipt for visitors	ZKTeco	ZKP8002 (Old Model: TP8016US)	✓	Embedded in ZKBioSecurity			
10	Sticker Printer	Prints sticker receipt for visitors.	Brother	Brother QL-800	✓	Embedded in ZKBioSecurity			1. Effectively prints cost-effective and high-quality paper labels for visitors. The printing speed is up to 93 labels per minute and the QL-700 features an auto-cutter which gives a clean finishing thus eliminating wastage of label sheet. 2. The "Flag & Label" feature supports quick label printing of the most basic labels, with no software installation required.

ZKBioSecurity VMS Devices List

Note: If you choose to use VMS function, please select the cameras/devices from this list V1.3 June 23, 2021

Brand	Hardware Type	Series	Model Name	Software Version	Functions							Max Supported Channels for one NVR	Remark					
					Capture (software linkage)	Video Storage		Video Preview	Video Playback	Video Decoding								
						ZKBioSecurity Server	NVR / DVR											
ZKTeco	IPC	BioPro Series	BS-852T22C	V5000 3.0.0_R or Above	√	√	×	√	√	√	4							
			BS-852T23C		√	√	×	√	√	√								
			BS-852T22C-MI		√	√	×	√	√	√								
			BS-852T23C-MI		√	√	×	√	√	√								
			ES-852T22C		√	√	×	√	√	√								
			ES-852T21C		√	√	×	√	√	√								
			ES-852T22C-MI		√	√	×	√	√	√								
			ES-852T211C-MI		√	√	×	√	√	√								
			BL-852T33S		√	√	×	√	√	√								
			BL-852T45S		√	√	×	√	√	√								
			BL-852T48S		√	√	×	√	√	√								
			BL-852T50S		√	√	×	√	√	√								
			EL-852T38I		√	√	×	√	√	√								
			DL-852T28B		√	√	×	√	√	√								
			BS-854N22C-E3		√	√	×	√	√	√								
			BS-854N23C-E3		√	√	×	√	√	√								
			ES-854N22C-E3		√	√	×	√	√	√								
			ES-854N21C-E3		√	√	×	√	√	√								
			BL-854N38A-E3		√	√	×	√	√	√								
			EL-854N38I-E3		√	√	×	√	√	√								
			DL-854N28B-E3		√	√	×	√	√	√								
			BS-855P22C		√	√	×	√	√	√								
			BS-855P23C		√	√	×	√	√	√								
			DL-855P22B		√	√	×	√	√	√								
			BL-855P48S		√	√	×	√	√	√								
			DL-855P28B		√	√	×	√	√	√								
			BS-858M22C		√	√	×	√	√	√								
			BS-858M23C		√	√	×	√	√	√								
			DL-858M22B		√	√	×	√	√	√								
			BL-858M48S		√	√	×	√	√	√								
			DL-858M28B		√	√	×	√	√	√								
			ZKTeco		IPC	BioUltra Series	BL-852Q38A	V5000 3.0.0_R or Above	√	√			×	√	√	√	4	
							DL-852Q28B		√	√			×	√	√	√		
							FI320		√	√			×	√	√	√		
							FI330		√	√			×	√	√	√		
			ZKTeco		IPC	BioEco Series	DL-858V17C-FS	V5000 3.0.0_R or Above	√	√			×	√	√	√	4	
							BS-852K12K		√	√			×	√	√	√		
							ES-852K11H		√	√			×	√	√	√		
ES-852O22B	√	√		×			√		√	√								
ES-852O21B	√	√		×			√		√	√								
BS-852O22B	√	√		×			√		√	√								
BS-852O23B	√	√		×			√		√	√								
ES-852O22C	√	√		×			√		√	√								
ES-852O21C	√	√		×			√		√	√								
BS-852O22C	√	√		×			√		√	√								
BS-852O23C	√	√		×			√		√	√								
EL-852O38I	√	√		×			√		√	√								
DL-852O28B	√	√		×			√		√	√								
BS-855L22C-E3	√	√		×			√		√	√								
BS-855L23C-E3	√	√		×			√		√	√								
ES-855L22C-E3	√	√		×			√		√	√								
ES-855L21C-E3	√	√		×			√		√	√								
BL-855L38S-E3	√	√		×			√		√	√								
EL-855L38I-E3	√	√	×	√	√	√												
DL-855L28B-E3	√	√	×	√	√	√												
ZKTeco	NVR	8000	Z8504NER	V5000 3.0.0_R or Above	√	√	√	√	√	√	4							
			Z8508NER		√	√	√	√	√	√	8							
			Z8516NER		√	√	√	√	√	√	16							
			Z8516NFR		√	√	√	√	√	√	16							
			Z8532NFR		√	√	√	√	√	√	32							
			Z8536NMR		√	√	√	√	√	√	36							
			Z8536NHR		√	√	√	√	√	√	36							
			Z8564NHR		√	√	√	√	√	√	64							
			Z85128NTR		√	√	√	√	√	√	128							
			Z8504NER-4P		√	√	√	√	√	√	4							
			Z8508NER-8P		√	√	√	√	√	√	8							
			Z8516NFR-16P		√	√	√	√	√	√	16							
			Z8532NFR-16P		√	√	√	√	√	√	16							
			ZKTeco		NVR	BioFace Lite	Z8608NF-8F	V5000 3.0.0_R or Above	√	√	√		√	√	√	8	Only these three Face Recognition NVR's support the Face Recognition function in the VMS module.	
Z8636NF-16F	√	√		√			√		√	√	36							
Z8536NMR-4F	√	√		√			√		√	√	36							

ZKBioSecurity VMS Server/Client Configuration

V1.1 July 15, 2020

System	Recommended				For better performance			
	CPU	RAM	OS	GPU	CPU	RAM	OS	GPU
Server	Intel(R) Core(TM) i5 6500 @2.6GHZ or Above	8GB	WIN7/WIN8/WIN10/WINDOWS SERVER2008 and SERVER2012	NVIDIA GTX750	Intel(R) Core(TM) i7 7700 @3.6GHZ or Above	16GB	WIN7/WIN8/WIN10/WINDOWS SERVER2008 and SERVER2012	NVIDIA GTX1050
Client	Intel(R) Core(TM) i5 6500 @2.6GHZ or Above	8GB	WIN7/WIN8/WIN10/WINDOWS SERVER2008 and SERVER2012	NVIDIA GTX750	Intel(R) Core(TM) i7 7700 @3.6GHZ or Above	16GB	WIN7/WIN8/WIN10/WINDOWS SERVER2008 and SERVER2012	NVIDIA GTX1050
Encoding Format	Resolution	Bit rate(Mbps)	FPS	Maximum number of Cameras				
				Recommended	For better performance			
H.264	D1	1	30	36	64			
	720P	2		16	36			
	1080P	4		9	16			
	3MP	5		6	9			
	8MP	8		6	4			
H.265	D1	1		36	64			
	720P	2		16	36			
	1080P	4		9	16			
	3MP	5		6	9			
	8MP	8		6	4			

*If you choose to use VMS function, configure your Server based on the recommended configuration.

ZKBioSecurity Video Linkage Devices List

VI.7 June 23, 2021

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	3.2.0.0_R - V5000 4.1.0_R	√	√	×	√	16	16
	IPC		GT-BD513		√	√	×	√	16	16
	IPC		GT-DCS20-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
	IPC		ZKMD532		√	√	×	√	16	16
	IPC		ZKIP472		√	√	×	√	16	16
	IPC		ZKRS72		√	√	×	√	16	16
NVR(4 channels)	ZK-NV0401	×	√	√	√	20	80			
HIKVISION	IPC	DS	DS-2CD2012-I	3.2.0.0_R - V5000 4.1.0_R	√	√	×	√	16	16
	NVR	DS	DS-7608NI-E2/8P		√	√	√	√	20	160
	Multi-DVR	DS	DS-7316HWI-SH		√	√	√	√	20	320
Dahua	IPC		DH-IPC-HFW4100S-V2	3.2.0.0_R - V5000 4.1.0_R	√	√	×	√	16	16
	IPC		DH-HAC-HDW1100S		√	√	×	√	16	16
	NVR		NVR4104H-P		√	√	√	√	20	160
	DVR		DH/HCVR4104HS-V3		√	√	√	√	20	80
Dahua	HDCVI		HCVRS104H-S2	3.2.0.0_R - V5000 4.1.0_R	√	√	√	√	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	80
	HDCVI		HCVR7204A-S2		√	√	√	√	20	80
	HDCVI		HCVR4104HS-S2		√	√	√	√	20	80
	HDCVI		HCVR4104HS-S3		√	√	√	√	20	80
	HDCVI		XVR4104		√	√	√	√	20	160
	HDCVI		HCVR4108HS-S2		√	√	√	√	20	160
	HDCVI		HCVR4108HS-S3		√	√	√	√	20	160
	HDCVI		XVR4108		√	√	√	√	20	320
	HDCVI		HCVR4116HS-S2		√	√	√	√	20	320
	HDCVI		HCVR4116HS-S3		√	√	√	√	20	320
	HDCVI		XVR4116		√	√	√	√	20	160
	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		PC-HDW4100SP	3.2.0.0_R - V5000 4.1.0_R	√	√	×	√	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	3.2.0.0_R - V5000 4.1.0_R	√	√	√	√	20	80
	NVR		NVR4208-8P		√	√	√	√	20	160
	NVR		NVR4216-8P		√	√	√	√	20	320
ZKTeco	IPC	8000	ES-852T12H	3.2.0.0_R & V5000 4.1.0_R	√	√	×	√	16	16
	IPC		ES-852T11H		√	√	×	√	16	16
	IPC		ES-852T13H		√	√	×	√	16	16
	IPC		BS-852T11K		√	√	×	√	16	16
	IPC		BS-852T12K		√	√	×	√	16	16
	IPC		BS-852T13K		√	√	×	√	16	16
	IPC		BL-852T28L		√	√	×	√	16	16
	IPC		DL-852T28B		√	√	×	√	16	16
	IPC		EL-852T28I		√	√	×	√	16	16
	IPC		ES-852O12H		√	√	×	√	16	16
	IPC		ES-852O11H		√	√	×	√	16	16
	IPC		ES-852O13H		√	√	×	√	16	16
	IPC		BS-852O11K		√	√	×	√	16	16
	IPC		BS-852O12K		√	√	×	√	16	16
	IPC		BS-852O13K		√	√	×	√	16	16
	IPC		BL-852O28L		√	√	×	√	16	16
	IPC		EL-852O28I		√	√	×	√	16	16
	IPC		DL-852O28B		√	√	×	√	16	16
	IPC		ES-854N12H		√	√	×	√	16	16
	IPC		ES-854N11H		√	√	×	√	16	16
	IPC		ES-854N13H		√	√	×	√	16	16
	IPC		BS-854N11K		√	√	×	√	16	16
	IPC		BS-854N12K		√	√	×	√	16	16
	IPC		BS-854N13K		√	√	×	√	16	16
IPC	BL-854N28L	√	√	×	√	16	16			
IPC	EL-854N28I	√	√	×	√	16	16			
IPC	DL-854N28B	√	√	×	√	16	16			
IPC	FC320	√	√	×	√	16	16			
ZKTeco	NVR	8000	Z8504NER	3.2.0.0_R & V5000 4.1.0_R	×	√	√	√	20	80
	NVR		Z8508NER		×	√	√	√	20	160
	NVR		Z8516NER		×	√	√	√	20	320
	NVR		Z8504NER-4P		×	√	√	√	20	80
	NVR		Z8508NER-8P		×	√	√	√	20	160
	NVR		Z8516NFR		×	√	√	√	20	320
	NVR		Z8532NFR		×	√	√	√	20	640
	NVR		Z8516NFR-16P		×	√	√	√	20	320
	NVR		Z8532NFR-16P		×	√	√	√	20	640
	NVR		Z8536NMR		×	√	√	√	20	720
	NVR		Z8536NMR-4F		×	√	√	√	20	720
	NVR		Z8536NHR		×	√	√	√	20	720
	NVR		Z8564NHR		×	√	√	√	20	1280
	NVR		Z8564NTR		×	√	√	√	20	1280
NVR	Z85128NTR	×	√	√	√	20	2560			

ZKBioSecurity Photo & Video Capture Delay Details

VI.2 March 11, 2020

Functions	Status	Delay	Remark	Storage	Remark
Photo Capture on ZKBioSecurity Server (Software Linkage)	For Sale	2-5s	Only captures on Server	ZKBioSecurity Server	
Video Record on ZKBioSecurity Server	For Sale	3-8s	Only records video on Server	ZKBioSecurity Server	Tips: 1. If users are concerned about real-time photo and video records, ZKTeco does not recommend Photo and Video capture on ZKBio Security Server. 2. For real-time video capture, please user NVR/DVR.
Video Record on NVR / DVR	For Sale	2s to 5s (does not include pre-record)	The pre-record time is 10s, so it minimizes the record delay scenario	NVR / DVR	

ZKBioSecurity Sever Configuration

VI.9 January 28, 2021

No.	Application Scenarios	Server Quantity	Usage	Software Version	Recommended Database	Firewall	Server OS	Client's Browser	Screen Resolution	Minimum Server Configuration		
										RAM	CPU	Hard Disk Space
1	SME Project	Single Server	Terminals Quantity: ≤ 50	V5000	1. PostgreSQL(Build-in) 2. SQL Server or Oracle(must be installed by the customer) 3. It's recommended to install the SQL Server or Oracle on remote server.	TCP/UDP 8080/8088/8098 (Open Ports Required)	Windows 7 Windows 8 Windows 10 Windows Server 2008 Windows Server 2012 Windows Server 2016 Windows Server 2019	Chrome Opera Firefox IE11 Safari	At least 21.5 inches, the best resolution is recommended: 1920*1080	4GB	Intel(R) Core(TM) i5 1035 @2.6GHZ or Above	30GB
2	Medium Enterprise Project	Single Server	Terminals Quantity: ≤ 300							8GB	Intel(R) Core(TM) i5 1035 @2.7GHZ or Above	100GB
3	International Enterprise Project	Single Server	Terminals Quantity: ≤ 1200							16GB	Intel(R) Core(TM) i7 1068 @3.6GHZ or Above	200GB
		Multiple Server	Terminals Quantity: > 1200	16GB	X64-capable octa core processor with speed of 3.7GHz or above	200GB						

* The system configuration suggestions were based on the general application scenarios. To know more about the server configuration of specific projects, please contact the Technical Support team or the ZKBioSecurity Product Center.