

## ZKBioSecurity Access Control Devices List

V1.9 September 23, 2020

No.	Device Type	Model Name	Firmware Version	Software Version	Remark
1	Controller	InBio160 Pro	AC Ver 5.7.8.3033 Sep 9 2020		
		InBio260 Pro			
		InBio460 Pro			
2	Standalone Devices	inPulse+	Ver8.0.4.2-20181030 or Above	V5000 3.1.0_R	
		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		
		FaceDepot-7A	Ver1.0.118 or Above		
3	Visible Light Facial Recognition Devices	FaceDepot-7B	Ver1.0.118 or Above	V5000 3.0.0_R 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	[TD] or [TI] series terminals work with the <b>Temperature Detection</b> module to achieve users temperature and mask screening.
		Elite Access	ZAM170-NF-Ver1.1.29		
		ProFace X [TD]	ZAM170-NF-Ver1.3.5		
		SpeedFace-V5LTD	ZAM170-NF-Ver1.3.5		
		ProFace X [TI]	ZAM170-NF-Ver1.5.8		
SpeedFace-V5L[TI]	ZAM170-NF-Ver1.5.8				

## ZKBioSecurity Elevator Control Devices List

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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 3.1.0_R	
			Offline	Contact Technical Support	3.2.0.0_R	
2	Elevator Floor Extension Board	EX16	Online/Offline		3.2.0.0_R - V5000 3.1.0_R/ 3.2.0.0_R	
3	Mifare Card Encoder	CR20WM	Offline		3.2.0.0_R	
4	RS485 Mifare Reader	KR100-RSEC				
5	Mifare Card	S50/S70				

## ZKBioSecurity Time Attendance Devices List

V1.6 September 23, 2020

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	3.2.0.0_R - V5000 3.1.0_R
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(Push)	G4	Ver 2.4.0 or Above	Ver 1.0.140 or Above	3.2.0.0_R - V5000 3.1.0_R
7		Horus		Ver 1.0.229	V5000 2.0.0_R or above

## ZKBioSecurity Consumption Module Devices List

V2.3 September 23, 2020

No.	Device Type	Model Name	Model Type	Firmware Version	Image	Software Version	Remark
1	Consumption Device	ProMerc-10	Hanging	Ver 5.3.6.3_E or Above		3.2.0.0_R - V5000 3.1.0_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					

## ZKBioSecurity FaceKiosk Module Devices List

V1.4 September 23, 2020

No.	Device Type	Model Name	Firmware Version	Software Version	Remark
1	FaceKiosk	FaceKiosk-V43	V2.2.4-1.2.36	V5000 1.0.0_R - V5000 3.1.0_R	
2		FaceKiosk-V32			
3		FaceKiosk-H32			
4		FaceKiosk-H21			
5		FaceKiosk-H13	v2.3.2-2.1.8	V5000 2.0.0_R or above	

## ZKBioSecurity Parking Module Devices List

V1.5 September 23, 2020

No.	Device Type	Model Name	Software Version
1	LPR Camera	LPRC100	V5000_3.0.0_R or above
2	LPR Integrated Machine	LPRS1000	
		LPRS2000	
3	UHF Card Encoder	UR10R-1E	
		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	

## ZKBioSecurity Commonly Supported Hardware List

V1.5 July 15, 2020

No.	Hardware	Usage	Recommended Accessories					Supported Modules	Software Version	Remark
			Country	Brand	Model	USB Cable	Driver			
1	ID Card Reader	Reads the Personnel 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 March 11, 2020

No.	Hardware	Usage	Accessories				Software Version	Remark	
			Recommended						
			Brand	Model	USB Cable	Driver			Image
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 3.2.0.0_R	3.2.0.0_R version only supports printing card for personnel.
2			IDP	SMART-505	✓	Can be downloaded from IDP website			
3			ZKTeco	ZKCP100	✓	Can be downloaded from built-in CD			

## ZKBioSecurity Supported Hardware List for Visitor Module

V1.8 September 23, 2020

No.	Hardware	Usage	Accessories					Software Version	Remark
			Recommended						
			Brand	Model	USB Cable	Driver	Image		
<b>NEW</b>	Near-infrared Palm Data Capture Scanner	Touchless scanner for capturing palm and vein features.	ZKTeco	PV10R	✓	Embedded in ZKBioSecurity		V5000 3.1.0_R	
2	Multi-functional ID Document Scanner for Document Authentication	Effectively scans ID Cards, Passports, Driver licenses, VISA's, etc.	SINOSECU	TH-AR191	✓	NA		V5000 2.0.0_R - V5000 3.0.1_R	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		3.2.0.0_R - V5000 3.1.0_R	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 Barcode Scanner	Scans barcode printed on the visitor's badge.	ZKTeco	R400	✓	NA			
5	Barcode Scanner (Handheld)	Scans barcode on the visitor receipt or other certificates	MINDEO	MD2250+	✓	NA			
6	Card/Fingerprint Reader	Issues card or registers the fingerprint of the visitors.	ZKTeco	CR10E&M/ ZK4500/ ZK8500R	✓	Embedded in ZKBioSecurity			
7	High-speed Portable HD Doc Scanner	Takes picture of certificate, signature, etc.	ZKTeco	PDS3000	✓	Embedded in ZKBioSecurity		3.2.0.0_R - V5000 3.1.0_R	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	C525	✓	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-700	✓	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 "Plug & Label" feature supports quick label printing of the most basic labels, with no software installation required.





## ZKBioSecurity 3rd Party ONVIF Cameras Supported List

Note: The 3rd party ONVIF Cameras can have access only to the Video Linkage module V1.3 September 23, 2020

Brand	Hardware Type	Series	Model Name	Software Version	Functions					
					Capture (software linkage)	Video Storage		Video Preview	Maximum number of connected devices	Maximum number of connected cameras
						ZKBioSecurity Server	NVR / DVR			
Axis	IPC	/	M3045-V	3.2.0.0_R & V5000 3.1.0_R	✓	✓	✗	✓	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

## ZKBioSecurity Photo & Video Capture Delay Details

V1.2 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	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 ZKBioSecurity Server	For Sale	3-8s	Only records video on Server	ZKBioSecurity Server	
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

V1.8 September 23, 2020

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 (built-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	1366*768 pixels or above	4GB	Intel(R) Core(TM) i5 1035 @2.6GHZ or Above	30GB
2	Medium Enterprise Project	Single Server	Terminals Quantity: ≤ 300	V5000						8GB	Intel(R) Core(TM) i5 1035 @2.7GHZ or Above	100GB
3	International Enterprise Project	Single Server	Terminals Quantity: ≤ 1200	V5000						16GB	Intel(R) Core(TM) i7 1068 @3.6GHZ or Above	200GB
		Multiple Server	Terminals Quantity: > 1200	V5000	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.