

ZKBio CVSecurity

ZKBio CVSecurity Access Control Module Device List

V2.4 January 27, 2021

No.	Device Type	Model Name	Firmware Version	Software Version	Remark		
1	Controller	InBio160Pro	AC Ver 5.7.8.3033 Feb 7 2021	5.0.0_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.		
		InBio260Pro					
		InBio460Pro					
		InBio Pro Plus Series	AC Ver 19.0.5 May 16 2024 and above		Access Controller Embedded with Facial and Fingerprint Authentication.		
	Facial Reader	KF1100 Pro&KF1200Pro	/	V6.3.0_R or Above	Biometric Reader Mode (via RS-485) Visible Light Facial Authentication Standalone Device Mode (with DM10)		
2	Standalone Devices (Push)	ProBio	Ver 8.0.4.2-20181030 or Above	5.0.0_R or Above	Default access control push		
		ProCapture-T	Ver 8.0.4.2-20181030 or Above				
		ProCapture-X	Ver 8.0.4.2-20181030 or Above				
		ProCapture-WP	Ver 8.0.4.2-20181030 or Above				
		ProRF	ZK-ZLM60-NSNF-Ver 2.0.6				
		ProBio(QR)	Ver 8.0.4.6-20210414 or Above				
3	Visible Light Facial Authentication Devices (AC Push)	FaceDepot-7B	CoreService (1.0.123) CoreService (1.0.155)	5.0.0_R or Above	Default access control push		
		ProFace X	Ver 9.0.1.10-20190820 or Above				
		ProFace X(SL)	ZAM170-NF-Ver 1.8.19 or Above				
		Elite Pass	ZAM170-NF-Ver 1.1.29				
		Elite Access	ZAM170-NF-Ver 1.1.29				
		ProMA Series	ZAM180-NF20VA-Ver 3.1.1 or above				
		G4 Pro	V1.3.1.52 or Above				
		G5	V4.0.142 and above				
		SenseFace 7A/7B	ZAM-NF70VA-Ver 3.2.0 and above			6.3.0_R or Above	Default access control push protocol, Can be used for SIP video intercom
		SpeedPalm VSL	ZAM180-NF50VA-Ver 3.6.16 and above				

ZKBio CVSecurity Elevator Control Module Device List

V2.4 January 27, 2021

No.	Device Type	Model Name	Firmware Version
1	Elevator Controller(10 floors)	EC10	Ver 7.0.0 Jul 01 2013 or Above
2	Elevator Floor Extension Board	EX16	
3	Elevator Controller(16 floors)	EC16	V30015F1202-230228 or Above
4	Elevator Floor Extension Board	DEX16	






ZKBio CVSecurity Time Attendance Module Device List

V1.0 September 28, 2021

No.	Device Type	Model Name	Push Version	Firmware Version	Software Version
1	Standalone Devices (Push)	G3	/	/	
2		G3 Plus	Ver 2.0.30-20171110 or Above	Ver 8.0.4.1-20171121 or Above	
3		G3 Pro	Ver 2.0.325-20191223	ZMM720-NF-Ver 1.0.13 or Above	
4	Visible Light Facial Authentication Devices (Att Push)	G4	Ver 2.4.0 or Above	Ver 1.0.140 or Above	
5		Horus E1	/	Ver 1.0.229	
6		Horus H1	Ver 2.0.38-20220325 or Above	V4.0.139 and above	

ZKBio CVSecurity Consumption(Online& Offline) Module Device List

V1.0 September 28, 2021

No.	Device Type	Model Name	Model Type	Firmware Version	Image	Software Version
1	Offline Consumption Device	ProMerc-10	Hanging	Ver 5.3.6.3_E or Above		5.0.0_R
		ProMerc-20	Desktop	Ver 5.3.6.2_E or Above		
2	ID/IC Card Reader Encoder	CR20MW	/	/		
3	IC Card	S50/S70	/	/		
5	Face Consumption Device	ProMerc-300	Desktop	1.0.4.7-1202		















ZKBio CVSecurityFaceKioskModule Device List

V1.0 September 28, 2021

No.	Device Type	Model Name	Firmware Version	Software Version	Remark
1	FaceKiosk	FaceKiosk-V43	V2.1.158	5.0.0_R or above	Facekiosk can be served as a visitor self-registration terminal
2		FaceKiosk-V32/V32T			
3		FaceKiosk-H21/H32			
4		FaceKiosk-H21			
5		FaceKiosk-H13A/H13C/H13C(TD)/H13V/H10B	V3.4.0		
6		FaceKiosk-H10B	V3.4.3		

ZKBio CVSecurityParking Module Device List

V2.0 Jan 28, 2023

No.	Device Type	Model Name	Image	Description	Software Version	Remark
1	Ticket Dispenser	TBM01		Ticket Dispenser Entrance ZKTecco Logo; Ticket machine Support ID/IC Card	ZKBio CVSecurity V5.3.0 and above supported	
2		TBM02		Ticket Dispenser Exit ZKTecco Logo; Code scanning machine Support ID/IC Card		
1	LPR Camera	BL-852Q38A-LP		License Plate Recognition Camera, support to identify 80+ countries license plates 1/2.8" Sony STARVIS CMOS, H.264/H.265/H.265+, IR Range 50m; 3X Zoom Motorized Lens; 120db TWDR, 3D DNR, BLC, ROI, Video Analytic; PoE; Audio/Alarm/RS485/SDcard slot; IP67	ZKBio CVSecurity V5.0.0 and above supported	
2		LPRC300		New License Plate Recognition Camera with a Dual-core Processor for Outstanding Performance AI Chip with 0.5 TOPS, 3 MP ONVIF Protocol, for Video Surveillance, IP65		
		LPRC500		LPRC500 Embedded deep learning LPR algorithm AI Chip with 0.5 TOPS Embedded allowlist and blocklist ONVIF protocol for video surveillance Free SDK and push protocol supporting 3rd-party integration 5 MP and 3.6-10.8mm electric zoom lens PWM technology adjustable fill light Standard 32GB TF card	ZKBio CVSecurity V6.4.0 and above supported	
3	LPR Integrated Machine	LPRS1000		License Plate Recognition Integrated Machine Integrated of LPR Camera, Display Screen, Fill Light and Fixed Column ZKTecco Logo;	ZKBio CVSecurity V5.0.0 and above supported	
4		LPRS2000		*Hybrid Recognition Vehicle Management Terminal Integrated Long-Range UHF Reader and LPR Camera; ZKTecco Logo;		
5		LPRS4000		*High-end License Plate Recognition Integrated Machine with All-in-One structure with streamlined lines design. Color (Optional): Traffic yellow or bright silver Integrated of LPR Camera, Display Screen, Voice Broadcast, Fill Light; ZKTecco Logo.		
6	UHF Standalone Device	U1000E		*Middle Distance RFID UHF Standalone Terminal Reading Distance: 0-6m (For Hand-held testing) Reading Distance: 0-3m (For non-contact access management) *TCP/IP, USB, Wiegand In/Out, Two Relay, Trigger, Door Sensor, Exit Button; *Dimensions (W*H*D): 250*250*70mm ZKTecco Logo, Black Color (Standard) Blank Logo, White Color (Optional) Not Encrypted E: Means Frequency Band (865MHz-868MHz) F: Means Frequency Band (902MHz-926MHz) Application: Non-contact access control management (Reading distance for 0-3m)	ZKBio CVSecurity V5.0.0 and above supported	
7		U1000F				
8		U2000E		*Long Distance RFID UHF Standalone Terminal Reading Distance: 0-12m (For Hand-held testing) Reading Distance: 0-6m (For long distance fixed vehicle access management) *TCP/IP, USB, Wiegand In/Out, Two Relay, Trigger, Door Sensor, Exit Button. *Dimensions (W*H*D): 445*445*70mm ZKTecco Logo, Black Color (Standard) Blank Logo, White Color (Optional) Not Encrypted E: Means Frequency Band (865MHz-868MHz) F: Means Frequency Band (902MHz-926MHz) Application: Long distance fixed Vehicle Access Management (Reading Distance for 0 to 6m)		
9		U2000F				
16	UHF Card Encoder	UR20RWE		*UHF Card Issuer Communication: USB; *Not Encrypted, ZKTECO Logo RW: Means Reading and Writing EPC Number (Card Number) E: Means Frequency Band (865MHz-868MHz) F: Means Frequency Band (902MHz-926MHz)	ZKBio CVSecurity V5.0.0 and above supported	
17		UR20RWF				

ZKBio CVSecurity Entrance Control Module Device List

V1.0 September 28, 2021

No.	Device Type	Device Type	Model Name	Firmware Version	Software Version	Remark
1	Security Gate Controller	Gate Controller	PGIC10	ZLM60-G-Ver1.2.7	5.0.0_R or Above	*Default to use PGIC controller. Other optional support.
2	Flap Barrier	FBL Series	FBL6000Pro, FBL6200Pro	Gate board firmware: V7.1.0		
3	Swing Barrier	SBTL Series	SBTL2000, SBTL2200, SBTL5000, SBTL5200, SBTL6000, SBTL6200	Gate board firmware: V6.1.1		
			SBTL7000*	SBTL7000_N32_20211230_V24		
			SBTL8000, SBTL8200	Gate control board firmware: STBH4000 MAIN-20201109-V1.1		
4	Mars series	Mars series	Mars-S1000*	ZKBIO-S1000-N32_20210812_V1.0		
			Mars-B1000*	ZKBIO-S1000-N32_20210812_V1.0		
			Mars-F1000*	ZKBIO-F10-20210715_V701		
			Mars Pro-S1000/S1200*	main_psg_Ver1.2.7		
			Mars Pro-F1000/F1200*	ZKBIO-Pro-F1000-N32_20210812_V1.0		
						SBTL9000, SBTL9200 support LCD Screen only

ZKBio CVSecurity ID Reader Integration

V1.0 September 28, 2021

No.	Hardware	Recommended Accessories				Supported Modules
		Country	Brand	Model	Image	
1	ID Card Reader (Reads the Personnel Information from ID Card)	Malaysia	IDENTIV	uTrust2700 R		Personnel Hotel Visitor
2		U.A.E	ACS	ACR38U-11		
3		Thailand	R&D	TRK2700RB		

ZKBio CVSecurity Personnel/Visitor Module Device List V1.0 September 28, 2021

No.	Hardware	Usage	Accessories Recommended			
			Brand	Model	Image	Driver
1	Card Printer	Prints the information on the employee's/ visitor's card.	FARGO	DTC1250e		Can be downloaded from HID website
2			IDP	SMART-50S		Can be downloaded from IDP website
3			ZKTeco	ZKCP100		Can be downloaded from built-in CD
4	Near-infrared Palm Data Capture Scanner	Touchless scanner for capturing palm and vein features.	ZKTeco	PV10R		Embedded in ZKBio CVSecurity
5	Multi-functional ID Document Scanner for Document Authentication	Effectively scans ID Cards, Passports, Driver licenses, VISA's, etc.	ZKTeco	RS100		NA
6	Multifunctional ID Document Scanner for Document Authentication	Effectively scans ID Cards, Passports, Driver licenses, VISA's, etc.	Desko	PENTA Scanner		Yes
7	Fixed mount QR code Scanner	Scans QR code generated from Access Control and Visitor Module.	ZKTeco	QR50		NA
8	Barcode Scanner (Handheld)	Scans barcode on the visitor receipt or other certificates	ZKTeco	ZKB202		NA
9	Card/Fingerprint Reader	Issues card or registers the fingerprint of the visitors.	ZKTeco	CR10E&M/ZK4500/ZK8500R		Embedded in ZKBio CVSecurity
11	High-speed Portable HD Doc Scanner	Takes picture of certificate, signature, etc.	ZKTeco	PD53000		Embedded in ZKBio CVSecurity
12	USB HD Network Camera	Takes picture of the visitors	ZKTeco	UV100		Embedded in ZKBio CVSecurity
13	USB HD Network Camera	Takes picture of the visitors	ZKTeco	UV200		Embedded in ZKBio CVSecurity
14	Receipt Printer	Prints common receipt for visitors	ZKTeco	ZKP8001		Embedded in ZKBio CVSecurity
15	Sticker Printer	Prints sticker receipt for visitors.	Brother	Brother QL-800		Embedded in ZKBio CVSecurity

NEW

ZKBio CVSecurity Smart Video Surveillance Module Device List V2.0 August 1st, 2022

Brand	Model Name	Image	Firmware Version	Intelligent			Device Type	
				Facial Intelligent	Vehicle Intelligent	Behavior Analysis		
ZKTeco	ZKIVA-Edge T1		V1.0.20 202311231430 and above—Software Version:V6.1.1 V1.0.23 202405291430—Software Version:V6.3.0	√ (300,000 face templates library)	√ (Vehicles parked illegally, vehicles crossing the border, vehicles leaving detection)	√ (Crossing, falling, fighting, trespassing, prowling, running detection)	ZKIVA-Edge T1	
	ZKIVA-Edge X1		3.2.1-RL and above	√ (V6.4.0 and above supported)	√ (V6.4.0 and above supported)	√ (V6.4.0 and above supported)	ZKIVA-Edge X1	
	Z8504NEQ Z8508NEQ Z8516NEQ Z8504NEQ-4P Z8508NEQ-8P		V2.1.0_20221021 and above	×	×	×	ZKNVR	
	Z8504NEQ-S Z8508NEQ-S Z8516NEQ-S Z8504NEQ-4P-S Z8508NEQ-8P-S		V2.1.0_20221021 and above	×	√(V5.3.0)	√(V5.3.0)	ZKNVR	
	Z8516NFR-S		V2.11.52_20231027 and above	×	√	√	ZKNVR	
	Z8532NFR-16P-S							
	Z8536NMR Z8536NHR Z8564NHR Z85128NTR		V1.3.3_20210930 and above	×	×	×	ZKNVR	
	Holowits	IVS1800		9.0.0 and above	√	√	√	AS1700
		NVR800		9.0.0 and above	×	×	√	NVR800
	Tiandy	TC-R3440 TC-R3840 TC-R3880		V3.3.0 and above	×	×	×	TD NVR3000




NEW

ZKBio CVSecurity Locker Management Module Device List V2.0 Nov. 1st 2022

No.	Device Type	Model Name	Image	Firmware Version	Software Version	Remark
1	FacePad	LockerPad-7B		2.1.0 and above	5.2.0_Ror above	
2		LockerPad-G4 Pro		2.6.36 and above	6.1.1_Ror above	

NEW

ZKBio CVSecurity Intrusion Alarm Module Device List V2.0 August 1st, 2022

Brand	Model Name	Image	Firmware Version	Software Version	Remark
BOSCH	B Series		/	5.2.0_Rand above	
	G Series		/		
RISCO	LightSYS		/		
	LightSYS50				

NEW

ZKBio CVSecurity Video Intercom Module Device List V3.0 June 26, 2024

No.	Device Type	Mode Name	Image	Product Description/Specification Software Version
1	Outdoor Station	VEX-B21A		<ul style="list-style-type: none"> • 4.3" color TFT LCD • System: Android 4.4.2 • Visible light face recognition • 2MP HD camera with IR support • Anti-spoofing algorithm against photos and videos • Support multiple access control methods: facial recognition, 13.56MHz access cards • Up to 10,000 faces, and 100,000 cards can be added • Cold-resistant version (-40 °C to 55 °C) available • Quick to install and easy integration with IP telephone systems using SIP protocol support • PoE V6.1.0_R
2		VEX-B21L		<ul style="list-style-type: none"> • 4.3" color TFT LCD • System: Linux • Premium audio and video quality • Aluminum panel • 2MP HD camera with automatic lighting • Support multiple access control methods: 13.56MHz access cards, password, remote unlock • Cold-resistant version (-40 °C to 55 °C) available • Quick to install and easy integration with IP telephone systems using SIP protocol support • PoE
3		VEX-B24A		4.3" SIP Facial Recognition Android Doorphone 1. Front panel: Aluminum + Tempered Glass 2. Display: 4.3 Inch, color TFT LCD 3. Camera: 2 Mega pixels, automatic lighting, 120°(H) / 75°(V) 4. RF card reader: 13.56MHz & 125KHz 5. Output Relay: 3 output relay for door opener 6. IP / IK Rating: IP65, IK06 7. Installation: Flush Mount 8. PoE (IEEE802.3af, Power-over-Ethernet) 9. Built-in Induction loop 10. Complies with SIP standard for easy integration in every SIP PBX 11. Support 20,000 users, 20,000 faces templates, and 60,000 cards
4		VEX-B24L		4.3" Linux Video Door Phone 1. Front panel: Aluminum + Tempered Glass 2. Display: 4.3 Inch, color TFT LCD 3. Camera: 2 Mega pixels, automatic lighting, 110°(H) / 67°(V) 4. RF card reader: 13.56MHz & 125KHz 5. Output Relay: 3 output relay for door opener 6. IP / IK Rating: IP65, IK06 7. Installation: Flush Mount 8. PoE (IEEE802.3af, Power-over-Ethernet) 9. Built-in Induction loop 10. Complies with SIP standard for easy integration in every SIP PBX 11. Support 20,000 users, 60,000 cards
5		VEX-B25L		Linux Video Door Phone with keypad 1. Body material: Aluminum + Tempered Glass, ABS keypad 2. Camera: 2M pixels, automatic lighting, Viewing angle: 110°(H) / 60°(V) 3. RF card reader: 13.56MHz & 125KHz 4. Output Relay: 2 output relay for door opener 5. IP / IK Rating: IP65, IK06 6. 3 integrated indicators 7. Installation: Wall Mount 8. PoE (IEEE802.3af, Power-over-Ethernet); 9. Complies with SIP standard for easy integration in every SIP PBX 10. Support 20,000 users, 60,000 cards
8	Indoor station	VT07-B22L		IP Indoor Monitor <ul style="list-style-type: none"> • 7" TFT LCD • System: Linux • UI customization • Support external 8-display IP cameras • Integration of elevator control and home automation • Standard SIP 2.0 • PoE • Double RJ45 ports is optional which is used for connection to a villa outdoor station directly
9		VT07-B26L-W		SIP Indoor Monitor (Linux Version) 1. 7" TFT capacitive touch screen, 1024 x 600 2. Two-way communication based on SIP v2.0 protocol 3. Powered by PoE or external source 4. Wi-Fi & TF card slot 5. Support dual ethernet ports
10		VT10-B21L		IP Indoor Monitor <ul style="list-style-type: none"> • 10" TFT LCD • System: Linux • UI customization • Support external 8-way IP cameras • Integration of elevator control and home automation • Standard SIP 2.0 • PoE
11		VT10-B21A		IP Indoor Monitor <ul style="list-style-type: none"> • 10.1" TFT LCD • System: Android 6.0.1 • UI customization • Compatible with 3rd party software • Support external 8 display IP cameras • Integration of elevator control and home automation • Standard SIP 2.0 • 1GB Memory • PoE