



SpeedPalm-V5L

Face & Palm Authentication Terminal
with Video Intercom Capability



Wide Pose Angle
Acceptance



Wide Palm Pose Angle
Acceptance



Speedy
Authentication



Touchless for
Better Hygiene



Video Intercom
(SIP)

Compatible with
 **ZKBio** CVSecurity



SpeedPalm-V5L

SpeedPalm-V5L is a smart access control terminal equipped with the visible light face and palm authentication technology, which applies the latest algorithms and advanced computer vision technology. It supports a variety of identification methods, including face/palm/card, etc. Besides, the terminal supports large capacity and speedy authentication.

SpeedPalm-V5L eliminates hygiene concerns with contactless biometric technology. It is also equipped with anti-spoofing algorithms for facial and palm authentication to defend against almost all types of fake photo and video attacks. Importantly, high-precision palm authentication takes only 0.35s per hand. The palm data is then compared to the maximum of 5,000 palm templates.

Besides, SpeedPalm-V5L is an access control terminal featuring a video intercom function. It fully improves the video intercom experience and can be compatible with video intercom indoor unit with SIP protocol.

Features

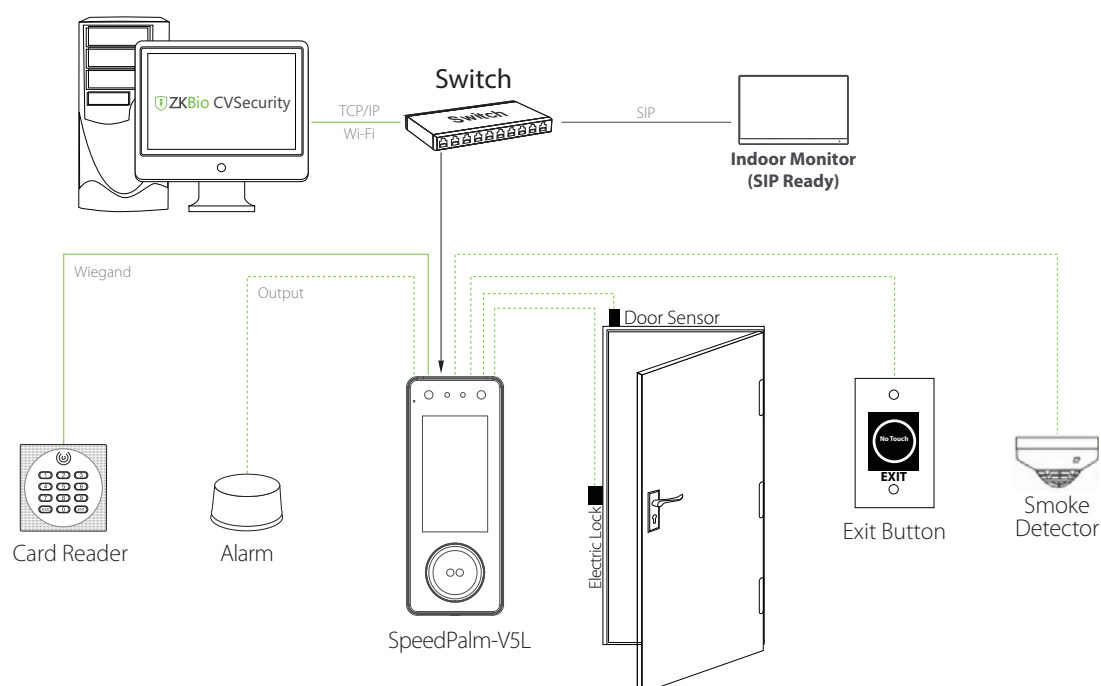
- Visible Light Facial & Palm Authentication
- Better hygiene with touchless biometric authentication
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack and 3D mask attack
- Available card modules: 125 KHz ID card / 13.56MHz IC card
- New palm module adapts to a variety of lighting conditions, and is equipped with multi-color LED lights to assist in palm positioning to enhance the user experience
- HD video door phone via SIP 2.0 Protocol. Compatible with ZKTeco SIP Video Intercom Indoor Monitor

Specifications

Model	SpeedPalm-V5L
Display	5"@ ISP Color LCD Touch Screen (720*1280)
Camera	WDR Low Light Camera @ 2MP
Operation System	Linux
Hardware	CPU: 1GHz Dual Core RAM: 512MB; ROM: 8G Supplement Light: Yes
Visual Indicator	Steady Green LED: Normal Status Steady White LED: Authentication in Progress Steady Red LED: Error/ Fault Steady Orange LED: Object nearby detected
Authentication Method	Face / Palm / Card / Password (Virtual Keypad)
Face Template Capacity	10,000 (1:N)
Palm Template Capacity	5,000 (1:N)
Card Capacity	20,000 (1:N)
Transaction Capacity	200,000
Biometric Authentication Speed	less than 1 sec (Facial Authentication) less than 0.35 sec (Palm Authentication)
Touchless Biometric Authentication Distance	30cm to 100cm (Facial Authentication) 5cm to 15cm (Palm Authentication)
False Acceptance Rate (FAR)%	FAR ≤ 0.01% (Visible Light Facial Authentication) FAR = 0.01% (Palm Authentication)
False Rejection Rate (FRR)%	FRR ≤ 0.02% (Visible Light Facial Authentication) FRR = 1.3% (Palm Authentication)
Biometric Algorithm	ZKFace V3.6 & Palm V32.3
Card Type	ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional)
Communication	TCP/IP*1 Wi-Fi (IEEE 802.11 a/b/g/n/ac) @2.4GHz ; 5GHz Wiegand (Input or Output)*1 RS485: ZKTeco RS485*1 Aux Inputs *1, Electric Lock*1, Door Sensor*1, Exit Button*1, Alarm *1
Standard Functions	ADMS, DST, Photo Capture, Event Photo Capture, T9 Keyboard (Input), 14-digit User ID, Access Levels, Groups, Holidays, Anti-Passback, Record Query, Schedule Bell, Tamper Switch Alarm, Mask Detection, Multiple Verification Methods, SIP 2.0 Protocol, ONVIF (Compatible with Profile S, Profile T, Profile G, Profile C, Profile Q & Profile A), AC Push and TA Push Protocol Switch, HTTPS / SSH Backend Access
Optional Functions	IC Card
Video Intercom	Video Intercom(ZKTeco Private Protocol via TCP/IP) Support Devices: Standalone Terminal: SpeedPalm-V5L(Only ZAM230 Platform) Indoor Monitor: VT07-B01, VT07-B01-W Video Intercom (Standard SIP Protocol) Support Devices: Standalone Terminal: SpeedPalm-V5L(Only ZAM230 Platform) Indoor Monitor: VT07-B22L, VT07-B26L-W Software: ZKBio CVSecurity, BioTalk Pro Mobile App: ZKBio Zexus
Power Supply	12V DC 3A
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	10% to 90% RH (Non-condensing)

Dimensions	227.3 * 92.3 * 24.5 (mm) (L*W*D)
Gross Weight	1.3 Kg
Net Weight	0.62 Kg
Supported Software	On-Premise Software: ZKBio CVSecurity / ZKBio CVAccess (AC PUSH) / ZKBio Time (TA PUSH)
Installation	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box)
Housing Material	Aluminium Alloy
Ingress Protection Rating	/
Certifications	ISO14001, ISO9001, CE, FCC, Equivalent to RoHS
Order ID	AC01-PV05H-47

Configuration



Dimensions (mm)

