



SpeedFace-V3L Series

Linux-Based Hybrid-Biometric Access Control & Time and Attendance Terminal with Visible Light Facial Recognition



Facial Recognition



RFID



Fingerprint



QR Code



IP65 dust & waterproof rating

Compatible with



CVAccess

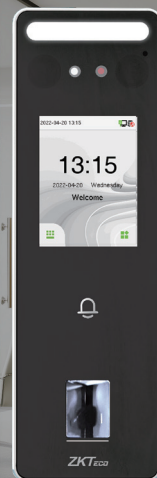
Compatible with



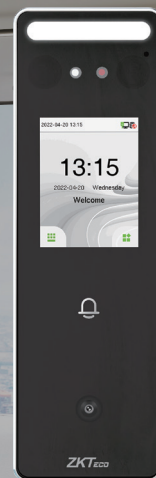
Zlink



CVSecurity



SpeedFace-V3L



SpeedFace-V3L
[QR]

SpeedFace-V3L is an efficient Linux-based access control terminal, utilizing visible light technology for a comprehensive security management.

This terminal provides dual authentication methods, including facial recognition and fingerprint verification. Also, SpeedFace-V3L is equipped with an ultimate anti-spoofing algorithm for facial recognition against all types of fake photos and videos attack.

Additionally, there are different versions of SpeedFace-V3L to satisfy your needs. SpeedFace-V3L [QR] comes with a QR code module,

SpeedFace-V3L series is also compatible with ZKBio CVAccess, ZKBio CVSecurity software and ZKBio Zlink Mobile APP & ZKBio Zlink-Web when switching to BEST protocol.

Features

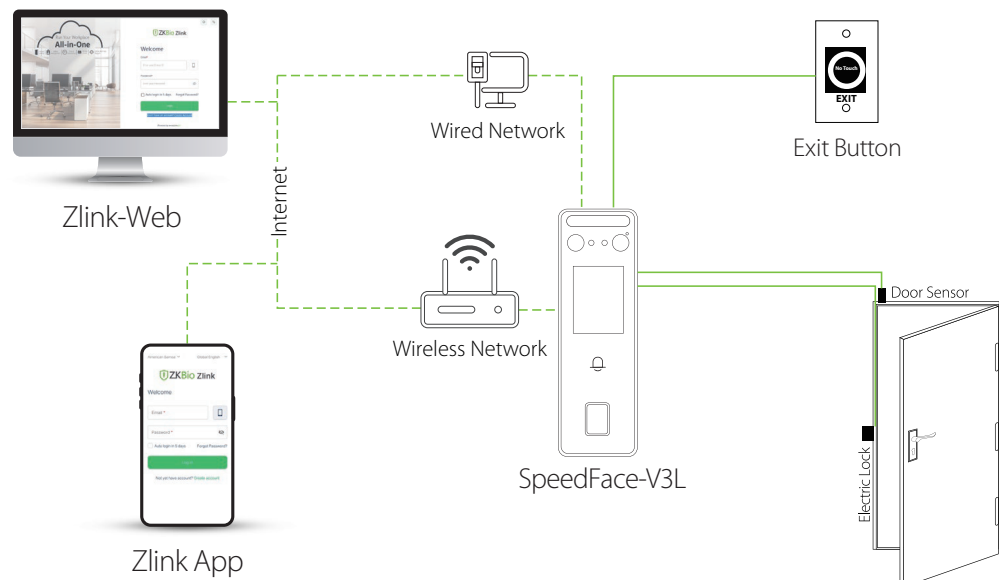
- An IP65 protection rating with waterproof and dustproof, can fully operate under extreme weather
- Multiple authentication methods: facial recognition, fingerprint, scramble QR code and RFID cards verification
- Available card modules: 125KHz ID card / 13.56MHz IC card
- Hidden supplement light design with adjustable brightness
- On board web server for system configuration
- High capacity for necessary record storage. Offers 200,000 transaction logs (Facial templates: 1,500 / Fingerprint capacity: 3,000 / RFID card capacity: 3,000)

Specifications

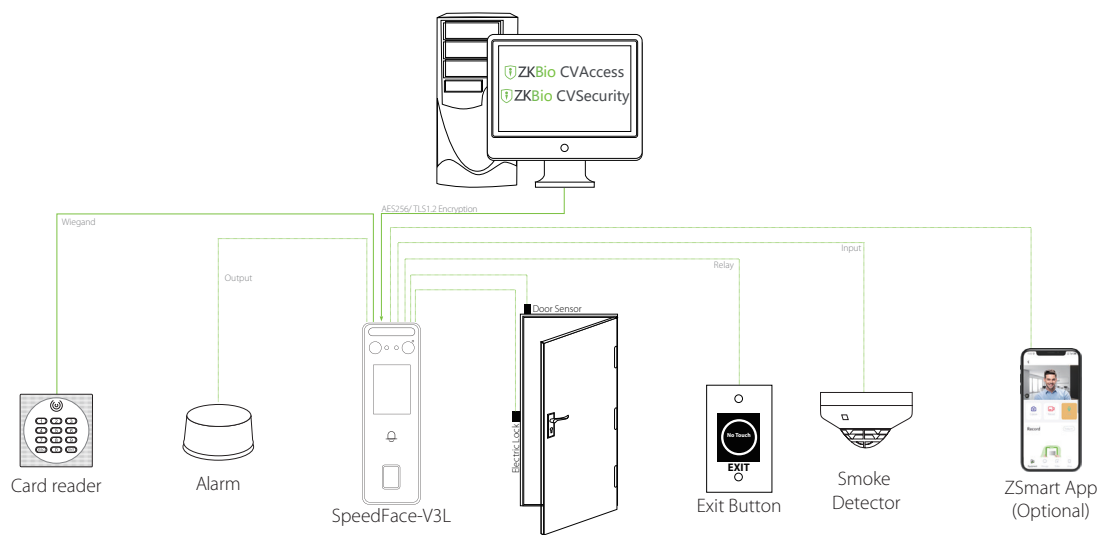
Model	SpeedFace-V3L	SpeedFace-V3L[QR]
Display	2.4-inch ISP LCD touch Screen (240*320)	
Camera	Binocular Camera@ 1MP	
Operation System	Linux	
Hardware	1.2GHz Dual Core CPU 256MB RAM/512MB ROM 1MP Binocular Camera; Adjustable LED Supplement Light	
Authentication Method	Fingerprint / Face / Card / Password (Virtual Keypad)	Face / Card / Password (Virtual Keypad)
Fingerprint Template Capacity	3,000 (1:N) 3,000 (1:1)	/
Face Template Capacity	1,500 (1:N) 1,500 (1:1)	
Card Capacity	3,000 (1:N) 3,000 (1:1)	
Transaction Capacity	200,000	
Biometric Verification Speed	less than 1 sec (Facial Recognition) less than 0.3 sec (Fingerprint Recognition)	
Touchless Biometric Recognition Distance	0.5m to 2m (Facial Recognition)	
False Acceptance Rate (FAR) %	FAR ≤ 0.01% (Visible Light Facial Recognition) FAR ≤ 0.0001% (Fingerprint; ZKFingerprint V10.0)	
False Rejection Rate (FRR) %	FRR ≤ 0.02% (Visible Light Facial Recognition) FRR ≤ 0.01% (Fingerprint; ZKFingerprint V10.0)	
Biometric Algorithm	ZKFace 3.5 ZKFingerprint V10.0	
Card Type	ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional)	
QR Code	/	QR code, Bar code, PDF417 (Optional), Data matrix (Optional), MicroPDF417 (Optional), Aztec (Optional)
Communication	TCP/IP * 1, Wi-Fi (Optional) , Wiegand Input * 1, Wiegand Output * 1, RS485*: ZKTeco RS485 * 1, Auxiliary Input, Electric Lock * 1, Door Sensor * 1, Exit Button * 1, Alarm * 1, Doorbell * 1,	
Standard Functions	ADMS, DST, 14 digit User ID , Access Levels, Groups, Holidays, Anti passback, Record Query, Tamper Switch Alarm, Multiple Verification Methods	
Power Supply	12V 3A	
Operating Temperature	-5°C to 45°C	
Operating Humidity	10% to 90% RH (Non-condensing)	
Dimensions	185*58.5*20mm (L*W*H)	
Gross Weight	0.8kg	
Net Weight	0.3kg	
Supported Software	Software: ZKBio CVAccess / ZKBio CVSecurity Mobile App: ZSmart Cloud Service: ZKBio Zlink	
Installation	Wall-mount (Compatible with Single Gang-Box)	
Ingress Protection Rating	IP65	
Certifications	ISO14001, ISO9001, CE, FCC	

* Note: RS485 is for RS485 readers.

Configuration



BEST Protocol



PUSH Protocol

Dimensions (mm)

