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 ZKBio Access IVS

Compatible with ZKBio Zlink



SpeedFace-V3L | SpeedFace-V3L [QR] | SpeedFace-V3L [RFID]

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, while the SpeedFace-V3L[RFID] supports RFID cards verification function.

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

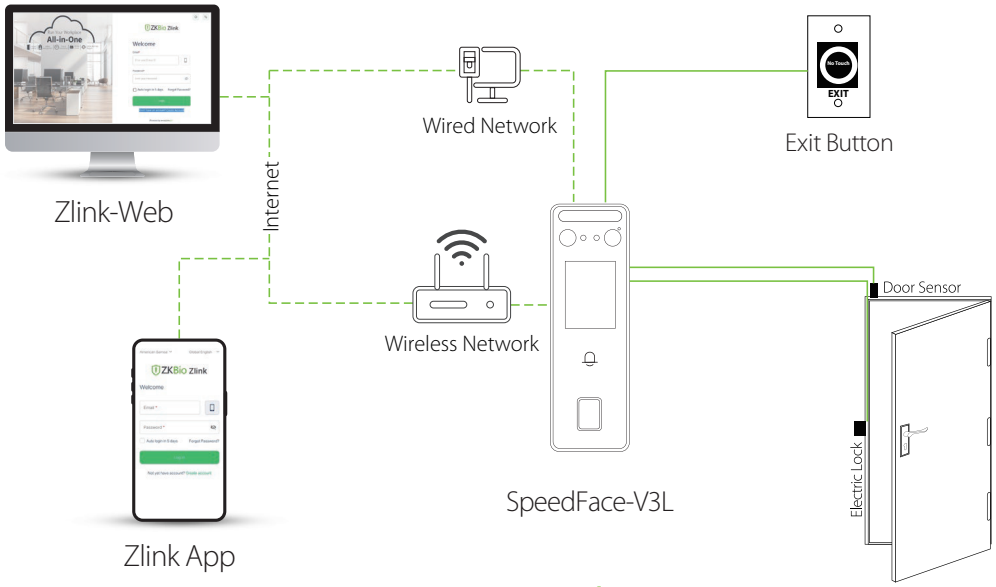
Features

- 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: 500 / Fingerprint capacity: 3,000 / RFID card capacity: 3,000)

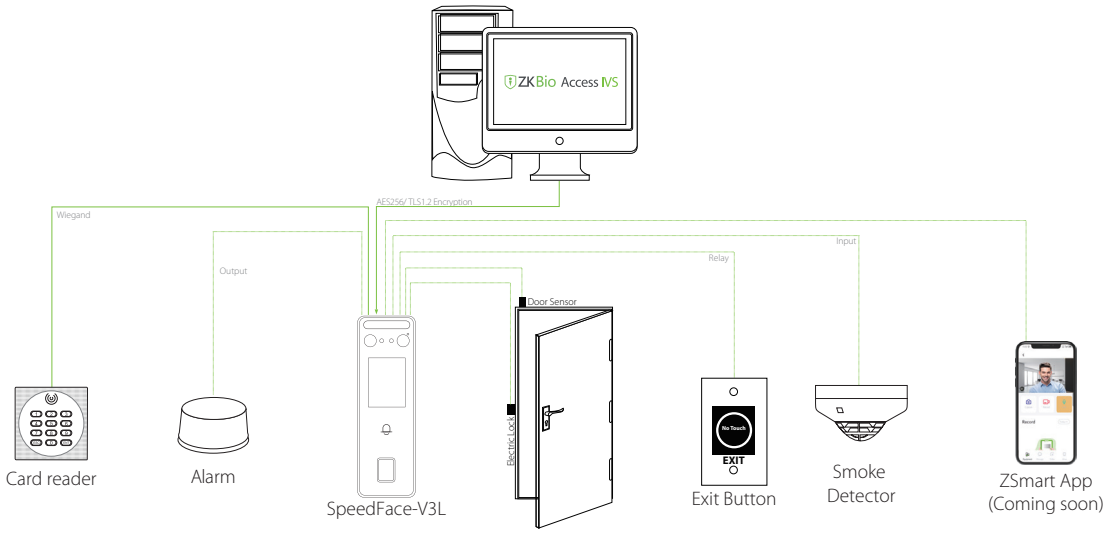
Specifications

Model	SpeedFace-V3L	SpeedFace-V3L[QR]	SpeedFace-V3L[RFID]
Display	2.4-inch ISP LCD touch Screen (240*320)		
Camera	Monocular Camera@ 1MP		
Operation System	Linux		
Hardware	1.2GHz Dual Core CPU 256MB RAM/512MB ROM 1MP monocular Camera; Adjustable LED Supplement Light		
Authentication Method	Fingerprint / Face / Card / Password (Virtual Keypad)	Fingerprint / Face / Card / Password (Virtual Keypad)	Fingerprint / Face / Card / Password (Virtual Keypad)
Fingerprint Template Capacity	3,000 (1:N) (Optional: 5,000) 3,000 (1:1) (Optional: 5,000)	/	/
Face Template Capacity	500 (1:N) (Optional: 1,500) 500 (1:1) (Optional: 1,500)		
Card Capacity	3,000 (1:N) (Optional: 10,000) 3,000 (1:1) (Optional: 10,000)		
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 (Optional) 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, Camera, 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 Access IVS Mobile App: ZKBio Zlink / ZKBioTalk / ZSmart Cloud Service: ZKBio Zlink		
Installation	Wall-mount (Compatible with Single Gang-Box)		
Ingress Protection Rating	IP65		
Certifications	ISO14001, ISO9001, CE, FCC		

Configuration

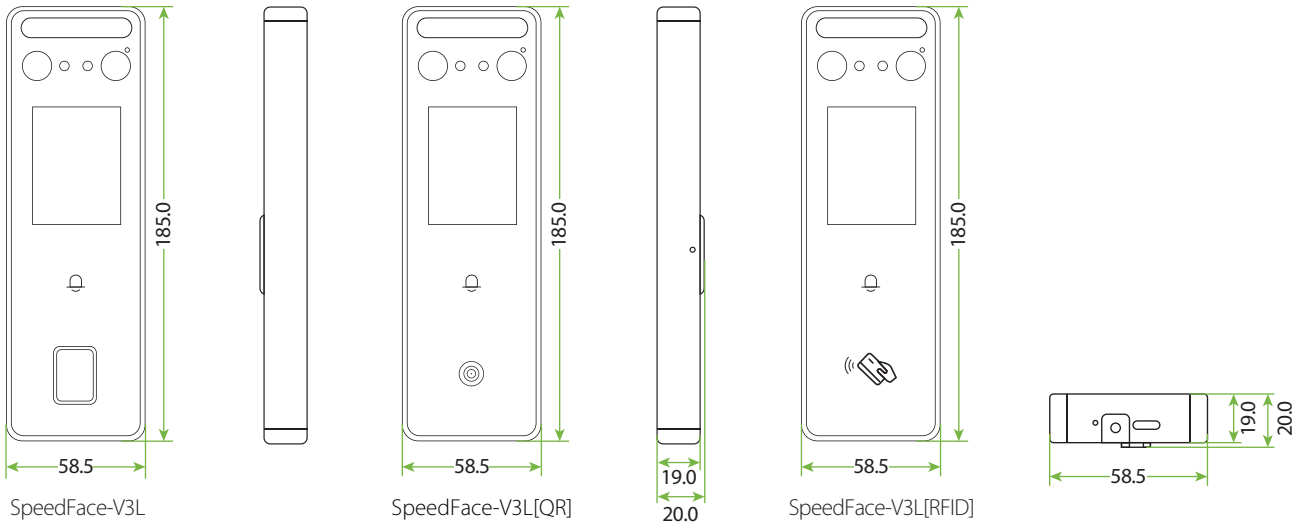


BEST Protocol



PUSH Protocol

Dimensions (mm)



ZKTECO CO.,LTD. www.zkteco.com E-mail: sales@zkteco.com

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