SenseFace 4 Series

SIP-Ready Multi-Biometric Access Control Terminal with Video Intercom Capability

Facial Authentication | RFID | Fingerprint | IP65 dust & waterproof rating (without Backup Battery) | Video Intercom (SIP) | Backup Battery (Optional)

Compatible with ZKBio CVAccess

Compatible with ZKBio Zlink

ZKBio Zlink — GET IT ON Google Play — Download on the App Store



SenseFace 4A | SenseFace 4B

Introduction

SenseFace 4 Series adopts the latest intelligent engineering facial authentication and in-glass fingerprint technology. It supports fingerprint, facial, card authentication with large capacity and speedy authentication, adopts ultimate antispoofing algorithm for facial authentication against almost all types of fake photos and videos attack, which offering secure biometric authentication.

SenseFace 4 Series is an access control terminal featuring a video intercom function and supports ONVIF protocol. It fully improves the video intercom experience and can be compatible with video intercom indoor unit with SIP protocol (Version 2.0).

Besides, SenseFace 4 Series supports multiple communication protocols. Its firmware has AC push and can convert to TA push and it is compatible with various AC or TA software. It can change to BEST protocol to link with ZKBio Zlink (AC module).

Features

- Visible Light Facial Authentication Technology and In-glass Fingerprint Authentication
- Attained IP65 Protection Rating With Dustproof and Waterproof
- Multiple Authentication Methods: Facial / Fingerprint / RFID / Password
- Available RFID Modules:125 kHz ID Card / 13.56 MHz IC Card
- HD Video Door Phone Via SIP Protocol (Version 2.0)
- User Data Synchronization: User data can be downloaded/uploaded from one device to another via a USB drive
- Compatible with wireless doorbell (optional)
- Advanced access control functions (Wiegand input or output shared; RS485 communication; Electric Lock; Door Sensor; Exit Button)

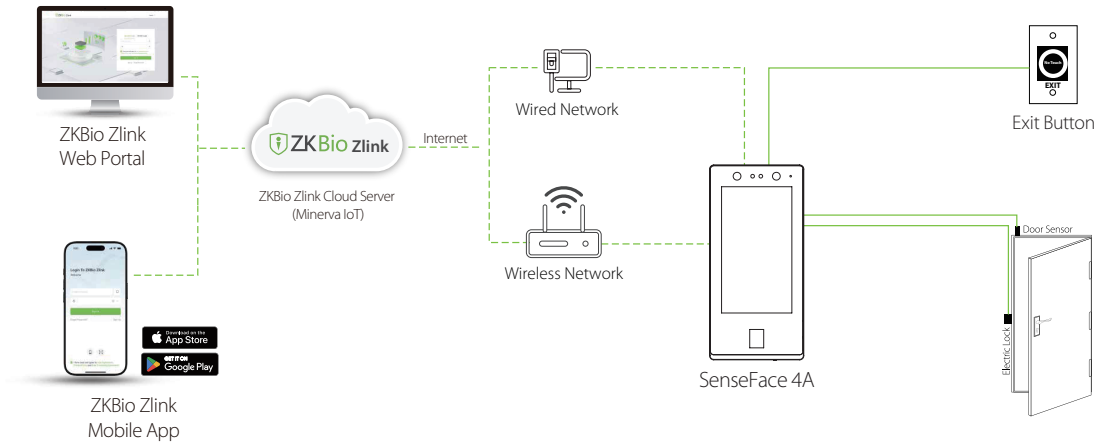
* Download data using the USB driver and make sure to use the FAT32 format.

Specifications

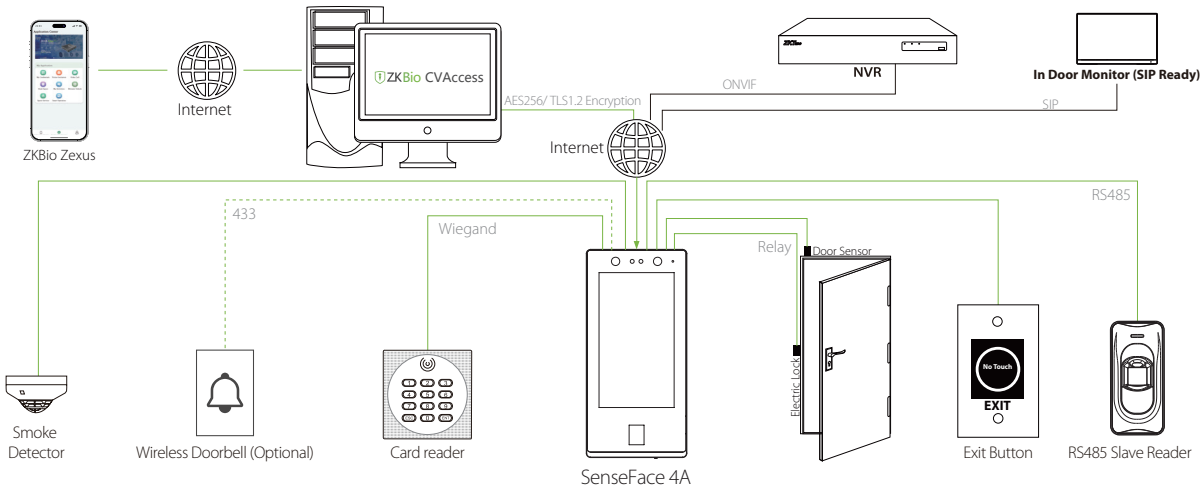
Model	SenseFace 4A	SenseFace 4B
Display	4.3"@ TFT Color Touch LED Screen (272*480)	
Camera	WDR Binocular Camera @ 1MP	
Operation System	Linux	
Hardware	CPU: Dual Core@1GHz RAM: 512MB; ROM: 512MB Speaker: 8ohm @1W Microphone: *1 (Sensitivity: -42 dB/ Omni-directional/ Signal-to-Noise Ratio: 58 dB/ Impedance: 2.2kΩ) Supplement Light: No	
	Fingerprint Sensor: In-Glass Fingerprint (Z-ID)	/
Authentication method	Fingerprint / Face / Card / Password (Virtual Keypad)	Face / Card / Password (Virtual Keypad)
Fingerprint Template Capacity	Max. 3,000 (1:N) (Standard)	/
Face Template Capacity	Max. 3,000 (1:N) (Standard)	
Card Capacity	8,000 (1:N) (Standard)	
User Capacity	8,000 (1:N) (Standard)	
Transaction Capacity	200,000 (1:N)	
Max. User Password Length	8 Digits	
Biometric Authentication Speed	less than 0.5 sec (Fingerprint) less than 0.35 sec (Facial Authentication)	less than 0.35 sec (Facial Authentication)
Touchless Biometric Authentication Distance	30cm to 200cm (Facial Authentication)	
False Acceptance Rate (FAR) %	FAR ≤ 0.01% (Visible Light Facial Authentication) FAR ≤ 0.0001% (Fingerprint)	FAR ≤ 0.01% (Visible Light Facial Authentication)
False Rejection Rate (FRR) %	FRR ≤ 0.02% (Visible Light Facial Authentication) FRR ≤ 0.01% (Fingerprint)	FRR ≤ 0.02% (Visible Light Facial Authentication)
Biometric Algorithm	ZKFace V4.0 ZKFingerprint V13.0 (Standard) / V10.0 (Optional)	ZKFace V4.0
Card Type	ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional)	
Communication	TCP/IP*1, Wi-Fi (IEEE802.11b/g/n/ax) @ 2.4 GHz (Optional), Wiegand (Input or Output)*1, RS485: ZKTeco RS485*1, USB: Type A (USB Drive Only)*1, Aux Inputs *1, Electric Lock*1, Door Sensor*1, Exit Button*1, 12V Output*1	
Standard Functions	ADMS, DST, Up to 14-digit User ID, Access Levels, Groups, Holidays, Anti-Passback, Record Query, Schedule Bell, Tamper Switch Alarm, Automatic Status Switch, Multiple AuthenticationMethods, SIP Client (Version 2.0), 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, T9 Keyboard (Input)	
Optional Functions	IC Card, Wi-Fi, Wireless Doorbell, Backup Battery	
Video Intercom	Video Intercom (ZKTeco Private Protocol via TCP/IP) Support Devices: Standalone Terminal: SenseFace Series Indoor Monitor: VT07-B01, VT07-B01-W	
	Video Intercom (Standard SIP Protocol) Support Devices: Standalone Terminal: SenseFace series Indoor Monitor: VT07-B22L, VT07-B26L-W Software: ZKBio CVAccess, BioTalk Pro Mobile App: ZKBio Zlink, ZKBio Zexus	
Access Control Interface	RS485 (RS485 Card Reader / Biometric Reader)	
Power Supply	DC 12V 3A	
Backup Battery(Optional)	2,000mAh (Lithium Battery) Operating Hours: 4 Hours Max.Standby Hours: 6 Hours Estimated Charging Time: 8 Hours	
Operating Temperature	-5°C to 45°C	
Operating Humidity	10% to 90% RH (Non-condensing)	

Dimensions	175.00 mm * 84.50 mm * 21.65 mm (L*W*H)	
Net Weight	0.264 Kg	
Supported Software	On-Premise Software: ZKBio CVAccess (AC PUSH) & ZKBio Time (TA PUSH) Cloud-based Software: ZKBio Zlink (Supports Web Portal & Mobile App)	
Installation	Wall-mount (Compatible with Asia Gang Box / Single Gang Box)	
Ingress Protection Rating	IP65 (Without Backup Battery)	
Certifications	ISO14001, ISO9001, CE, FCC, Equivalent to RoHS	
Order ID	AC01-SP36H-L21	AC01-SP35H-L21

Configuration

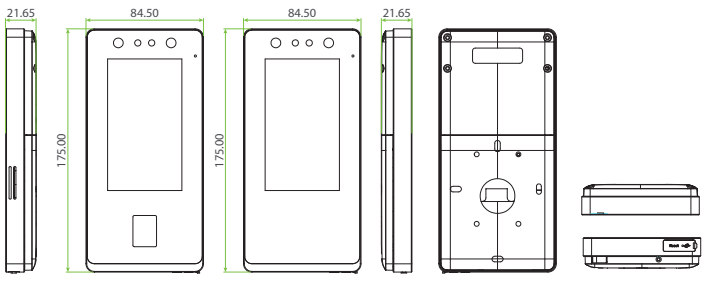


BEST Protocol

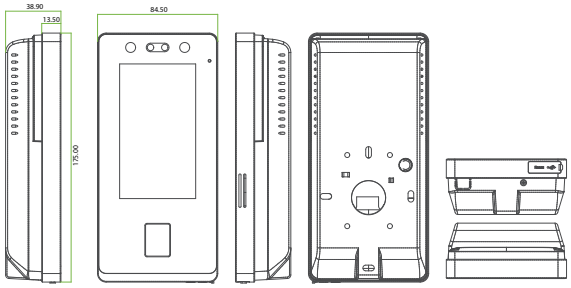


PUSH Protocol

Dimensions (mm)



Dimensions (With Backup Battery)



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