

SenseFace M2F-UD

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



Facial
Authentication



RFID



Fingerprint



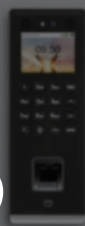
Video Intercom
(SIP)

Compatible with

ZKBio Zlink

Compatible with

ZKBio CVAccess



Introduction

SenseFace M2F-UD adopts the latest intelligent engineering facial authentication. 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 M2F-UD 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 M2F-UD supports multiple communication protocols. It support BEST protocol to link with ZKBio Zlink (AC module). Also, it can convert to AC push or TA push to be compatible with various AC or TA softwares.

Features

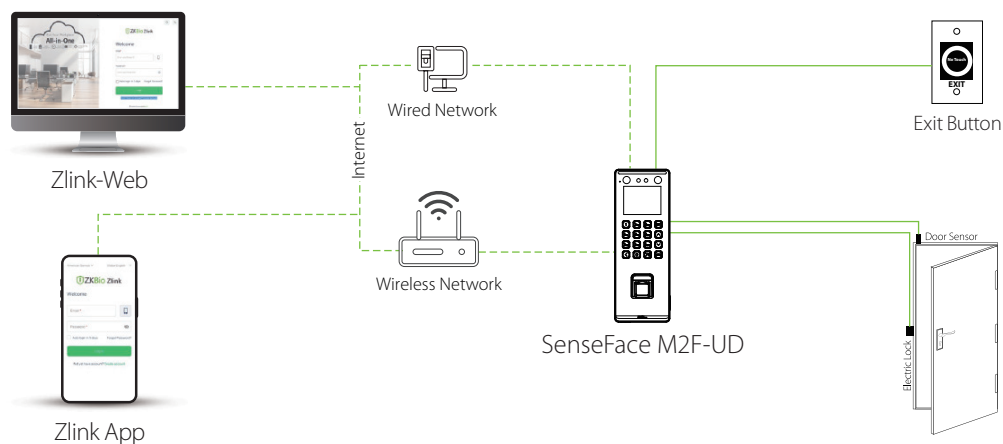
- Visible Light Facial Authentication Technology and ZK Optical Fingerprint Verification
- Multiple Authentication Methods: Facial / Fingerprint / RFID / Password
- Available RFID Modules: 125 kHz ID Card / 13.56 MHz IC Card
- HD Video Door Phone Via SIP Protocol (Version 2.0). Compatible With ZKTeco SIP Video Intercom Indoor Monitor (VT07-B01 and VT07-B01-W)
- User Data Synchronization: User data can be downloaded/uploaded from one device to another via a USB drive.
- Simple access control functions (Electric Lock; Door Sensor; Exit Button)

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

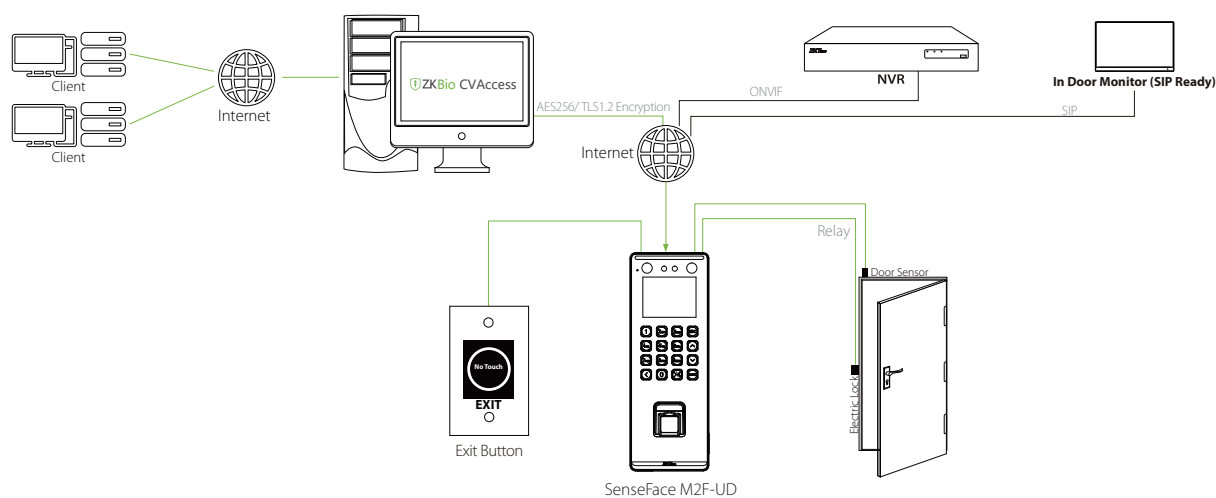
Specifications

Model	SenseFace M2F-UD
Display	2.4"@ TFT Color LCD Screen (320*240)
Camera	WDR Binocular Camera @ 1MP
Operation System	Linux
Hardware	CPU: Dual Core@1GHz & Computing Power: 0.5 Tops RAM: 512MB; ROM: 8GB Speaker: 8ohm @1W Microphone: *1 (Sensitivity: -32 dB / Omni-directional / Signal-to-Noise Ratio: -32 dB/Impedance: 2.2kΩ) Supplement Light: Yes Physical Keypad: 17 Keys Fingerprint Sensor: ZK Optical Sensor
Authentication method	Fingerprint / Face / Card / Password (Physical Keypad)
Fingerprint Template Capacity	3,000 (1:N) (Standard)
Face Template Capacity	1,500 (1:N) (Standard)
Card Capacity	3,000 (1:N) (Standard)
User Capacity	3,000 (1:N) (Standard)
Transaction Capacity	150,000 (1:N)
Max. User Password Length	8 Digits
Biometric Authentication Speed	less than 0.5 sec (Fingerprint) less than 0.35 sec (Facial Authentication)
Touchless Biometric Authentication Distance	30cm to 200cm (Facial Authentication)
False Acceptance Rate (FAR) %	FAR ≤ 0.01% (Visible Light Facial Authentication) FAR ≤ 0.0001% (Fingerprint)
False Rejection Rate (FRR) %	FRR ≤ 0.02% (Visible Light Facial Authentication) FRR ≤ 0.01% (Fingerprint)
Biometric Algorithm	ZKFace V4.0 ZKFingerprint V13.0 (Standard) /V10.0 (Optional)
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) USB: Type A (USB Drive Only)*1 Electric Lock*1, Door Sensor*1, Exit Button*1
Standard Functions	ADMS, DST, Photo Capture, Event Photo Capture, Up to 14-digit User ID, Access Levels, Groups, Holidays, 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
Power Supply	DC 12V 1.5A
Operating Temperature	-5°C to 45°C
Operating Humidity	20% to 80% RH (Non-condensing)
Dimensions	205.20 mm*74.19 mm*33.30 mm (L*W*H)
Net Weight	0.258 Kg
Supported Software	Mobile App.: ZKBio Zlink Cloud-based Software: ZKBio Zlink On-Premise Software: ZKBio CVAccess / ZKBio Time
Installation	Wall-mount (Compatible with Asian Gang Box / Single Gang Box)
Certifications	ISO14001, ISO9001,CE, FCC, RoHS

Configuration



BEST Protocol



PUSH Protocol

Dimensions (mm)

