

FaceDepot 4A

Hybrid-Biometric Time & Attendance Terminal
Support Access Control



Facial
Recognition



Fingerprint
Recognition



Card



Masked Face
Verification



PoE
(Optional)



Backup Battery
(Optional)

Compatible with

ZKBio Time

Compatible with

ZKBio CVAccess



FaceDepot 4A is a Linux based hybrid biometric time and attendance terminal featuring ZKTeco's innovative Visible Light Facial Recognition technology.

FaceDepot 4A utilizes deep learning algorithms to perform visible light facial recognition from 0.3 to 2 meters, even in dark or low-light conditions. Also, the terminal enhances pose angle tolerance and anti-spoofing measures.

Additionally, FaceDepot 4A combines with ZKTeco's biometric authentication technologies, multiple verification methods and versatile Wi-Fi / 4G connectivity to meet customers' diverse needs, offering accurate verification.

Features

- Visible Light Facial Recognition, also support masked individual identification.
- Visible Light Facial Recognition in dimly lit environment even without supplement light.
- Anti-spoofing algorithm against print attack (laser,color and B/W photos),videos attack and 3D mask attack.
- Multiple verification methods: Face / Fingerprint / Card / Password.
- Optional card modules: 125 kHz ID Card (EM / HID Prox), 13.56 MHz IC Card, ID & IC & DESFire EV1 / EV2 (125 kHz & 13.56 MHz Dual Frequency).
- Communication: TCP/IP, USB-Host, 4G (Optional), PoE (Optional), Wi-Fi (Optional).
- Advance access control functions (Wiegand input/output; RS485 communication; Electric Lock; Door Sensor; Exit Button; Alarm Output).

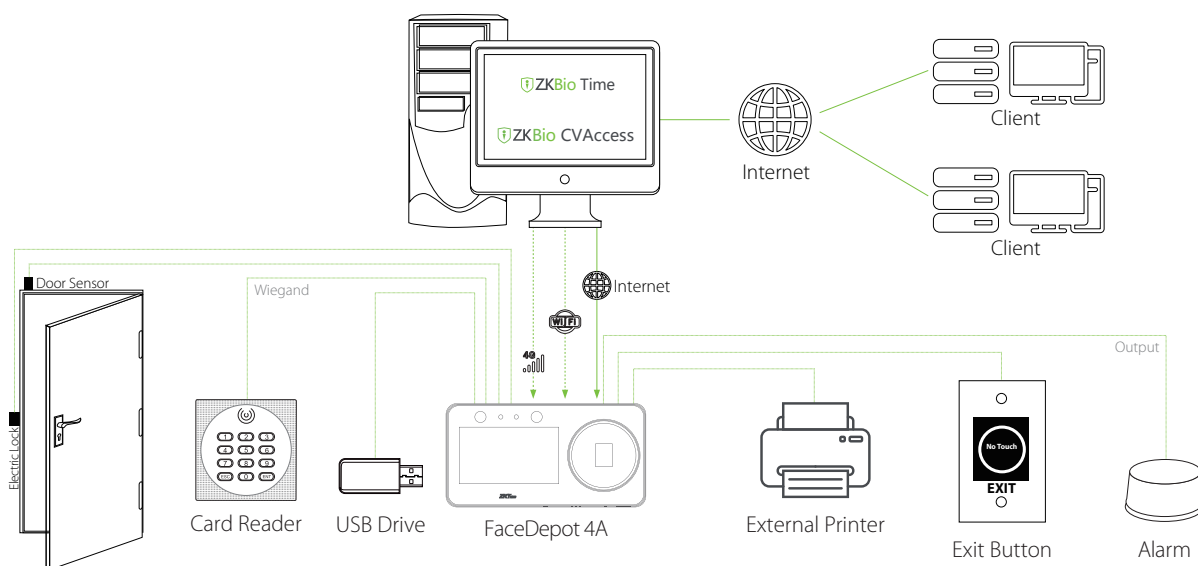
* **Note:** Facial verification for masked individuals will increase FAR. Fingerprint or Card verification for masked individuals is recommended.

Specifications

Model	FaceDepot 4A
Display	4.3"@ TFT Color Touch LED Screen (480*800)
Camera	Binocular Camera @ 2MP WDR
Operation System	Linux
Hardware	CPU: Quad Core@1.2GHz RAM: 1GB; ROM: 8GB Speaker: 8 ohm @1 W Supplement Light: No Fingerprint Sensor: In-Glass Fingerprint
Authentication method	Fingerprint / Face / Card / Password (Virtual Keypad)
User Capacity	10,000 (1:N) (Standard)
Fingerprint Template Capacity	10,000 (1:N) (Standard)
Face Template Capacity	10,000 (1:N) (Standard)
Card Capacity	10,000 (1:N) (Optional)
Transaction Capacity	100,000 (1:N) (Optional for Capacity Expansion: 200,000)
Max. User Password Length	8 Digits
Biometric Verification Speed	less than 0.35 second (Facial Recognition) less than 0.5 second (Fingerprint Recognition)
Touchless Biometric Recognition Distance	30cm to 200cm @ Face
False Acceptance Rate (FAR) %	FAR ≤ 0.01% (Facial Recognition) FAR≤0.0001% (Fingerprint)
False Rejection Rate (FRR) %	FRR ≤ 0.02% (Facial Recognition) FRR≤0.01% (Fingerprint)
Biometric Algorithm	ZKFace V6.0 ZKFingerprint V10.0
Card Type	ID Card@125 kHz (Optional) HID Prox@125 kHz (Optional) IC Card@13.56 MHz (Optional) Optional Multi-Tech Module: Module1: ID & IC & DESFire EV1/EV2; (125 kHz & 13.56 MHz Dual Frequency)
Communication	TCP / IP*1 Wi-Fi (IEEE802.11a / b / g / n / ac) @ 2.4 GHz / 5 GHz Wiegand (Input & 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, Alarm Output*1,
Mobile Communication	LTE FDD: B1 / B2 / B3 / B4 / B5 / B7 / B8 / B12 / B13 / B18 / B19 / B20 / B25 / B26 / B28 LTE TDD: B38 / B39 / B40 / B41 UMTS: B1 / B2 / B4 / B5 / B6 / B8 / B19 GSM: B2 / B3 / B5 / B8
Standard Functions	WorkCode, ADMS, DST, T9 Keyboard (Input), Photo Capture, Event Photo Capture, 14-digit User ID, Schedule Bell, Record Query, Tamper Switch Alarm, Photo ID, Multiple Verification Methods, External Printer, HTTPs / SSH Backend Access, 12V Output
Optional Functions	Wi-Fi, 4G, Backup Battery, PoE
Power Supply	DC 12V 3A PoE: IEEE 802.3af Backup Battery

Backup Battery	2000 mAh (Lithium Battery) Max. Operating Hours: 2 Hours Max. Standby Hours: 2 Hours Charging Time: 2.5 to 3 Hours
Operating Temperature	0°C to 45°C
Operating Humidity	20% to 80% RH (Non-condensing)
Dimensions	193.00 mm*100.00 mm*32.40 mm (L*W*H)
Gross Weight	0.447 Kg
Net Weight	0.402 Kg
Supported Software	ZKBioTime / ZKBio CVAccess (T&A Module)
Installation	Wall-mount
Certifications	ISO14001, ISO9001, CE, FCC, RoHS

Configuration



Dimensions (mm)

