FaceDepot-8AL
Visible Light Facial Recognition Terminal

Compatible With

ZKBio CVSecurity

easy TimePro

FaceDepot-8AL is a fully upgraded version of the FaceDepot product line, which is designed to deal with all kinds of scenarios. Powered by the ZKTeco-customized CPU for running the intellectualized engineering facial recognition algorithm and the latest computer vision technology, it supports advanced face verification.

With large capacity and rapid recognition speed, boosting the security performance in all aspects. The terminal also helps eliminate hygiene concerns due to its contactless nature.

The facial recognition capability of the series has reached a new height in the biometrics technology industry with a maximum of 50,000 facial templates, recognition speed of less than 0.3 sec per face, and ultimate anti-spoofing ability against almost all types of fake photos and videos attack.

As mentioned above, the FaceDepot-8AL can assist in reducing the risk of infection and germs spreading during the recent global public health issue as well at all access points, especially in hospitals, factories, schools, commercial buildings, airports, stations, and other public areas.
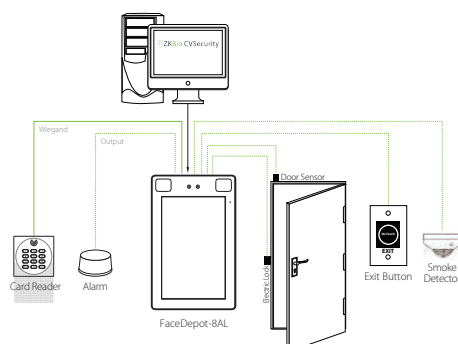
Features

- Ultra-large capacity of facial templates for 1:N verification: 30,000 (standard); max. 50,000 (optional)
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack, and 3D mask attack
- Intelligent energy-saving design; precisely evaluation of the distance (up to 2.5m (8.2ft)) between the user and the device by a microwave detector before waking up the recognition terminal
- 2MP starlight CMOS sensor camera with WDR function, which enables the terminal to recognize faces under extreme lighting conditions (0.5 lux – 50,000 lux)
- 8″ touch screen with 400 lux, which offers high visibility under strong and direct light
- IP68 dust-proof and waterproof standard & IK04 protection standard
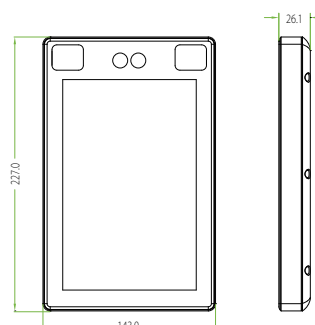- Wide range of working temperature (-30 ~ 60℃; -22 ~ 140℉)

Specifications (G: Green Label Exclusive Feature)

Capacity

G Faces	30,000 (1:N)
	50,000 (Optional)
Users / Cards	50,000
G Transactions	1,000,000 (Optional)
	2,000,000
User Photos	30,000
Event Photos	10,000

Compatibility

Security Relay Box
Wiegand / RS485 / RS232 Slave Reader
with RFID / Barcode / QR-code
ZKBioCVSecurity Software
easy Timepro Software

G Hardware

G 900MHz Dual Core Customized AI CPU
512MB RAM / 8G Flash

G 8" Hight light (400lux) IPS Touch LCD 125KHz
EM Reader / 13.56MHz RFID S50/S70 IC Card
(13.56 MHz)(Optional)
2MP WDR Low Light Camera
Adjustable Light brightness LED
Hi-Fi Voice
High Sensitivity Microphone
Distance Detection Sensor
Reset Button and Tamper Switch

Access Control Interface

Lock Relay Output
Alarm Output / Auxiliary Input
Exit Button / Door Sensor

Special Functions

G IP68 & IK04
G 0.3s Hight Speed Facial Verification
Liveness Detection
HTTPS Communication Encryption (Optional)
G Event Snapshot

Standard Functions:

Access Levels, Groups, Holidays, DST,
Duress Mode (Password), Anti-Passback,
Record Query, Tamper Switch Alarm,
Custom Wallpaper & Screen Saver

Communication

TCP/IP
Wiegand Input / Output
Wi-Fi (Optional)
RS485 / RS232

Additional Info

Face Algorithm: ZKLiveFace5.8
Working Temperature: -30℃ ~ 60℃,
(-22℉ ~ 140℉)
Working Humidity: ≤93%
Storage Temperature: -40℃ ~ 65℃
(-40℉ ~ 149℉)
Storage Humidity: ≤93%
Net Weight: 853g
Dimensions (H*L*D): 227*143*26.1mm

Power

Operating Voltage: 12V DC
Current Draw: < 2,000mA

Configuration

FaceDepot-8AL

Dimensions (mm)

26.1
227.0
143.0

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