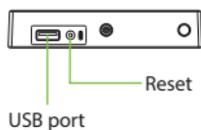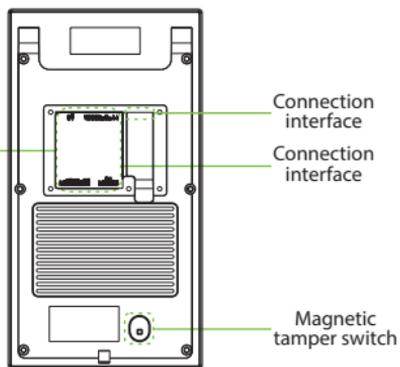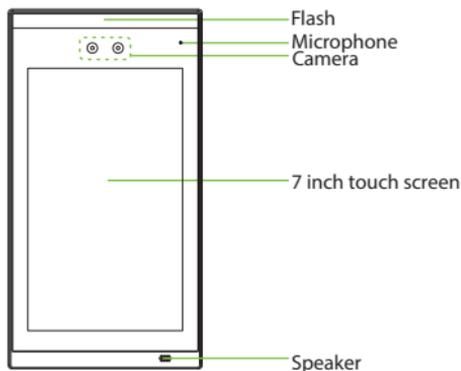# Quick Start Guide
FaceDepot-7B
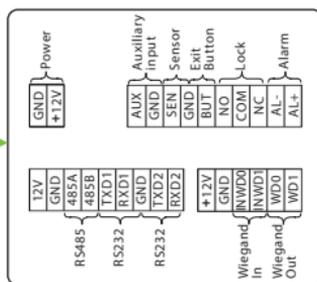
Version: 1.0
Date: October 2018

Overview

Flash
Microphone
Camera

7 inch touch screen

Speaker

Reset

USB port

Connection interface

Connection interface

Magnetic tamper switch

Connection interface

Power		Auxiliary input		Sensor	Exit Button		Lock			Alarm	
GND	+12V	AUX	GND	SEN	GND	BUT	NO	COM	NC	AL-	AL+

RS485				RS232		RS232		Wiegand In			Wiegand Out		
12V	GND	485A	485B	TXD1	RXD1	GND	TXD2	RXD2	+12V	GND	NWD0	NWD1	WD0 WD1

FP & RFID Reader (Optional)

Fingerprint sensor

Card reading area
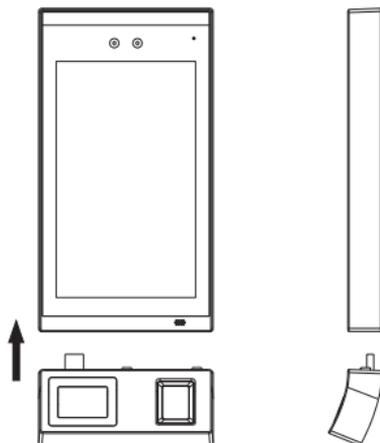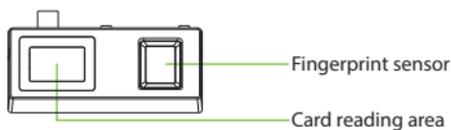
Device Installation

Method 1: Installation on the wall

1

1.5m

2

②➡

3
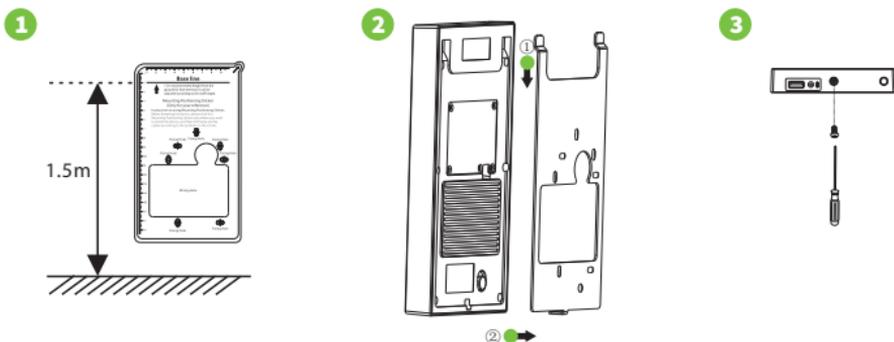
① Attach the mounting template sticker to the wall, and drill holes according to the mounting paper. Fix the back plate on the wall using wall mounting screws.

② Attach the device to the back plate.

③ Fasten the device to the back plate with a security screw.

Note: If you want to install FP & RFID reader, please insert the reader after step ①.

Method 2: Install on the barrier gate
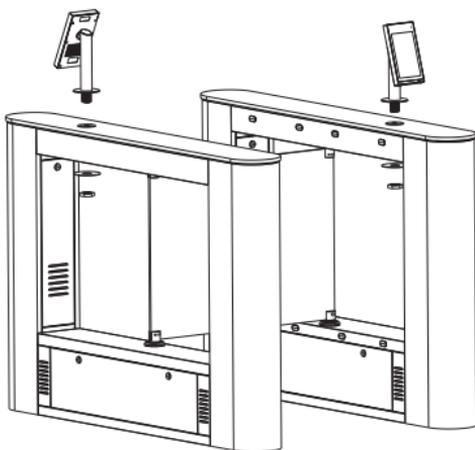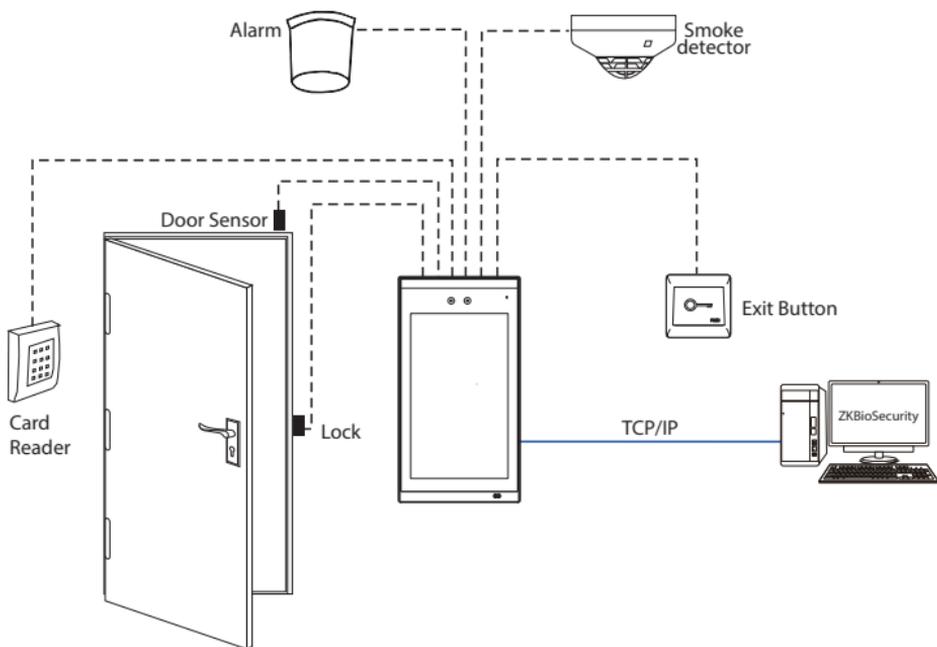
Adjust the device
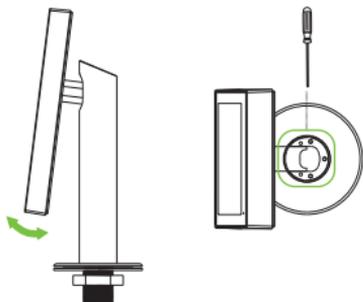
1. Adjust the angle of the device.
2. Fix the screws.

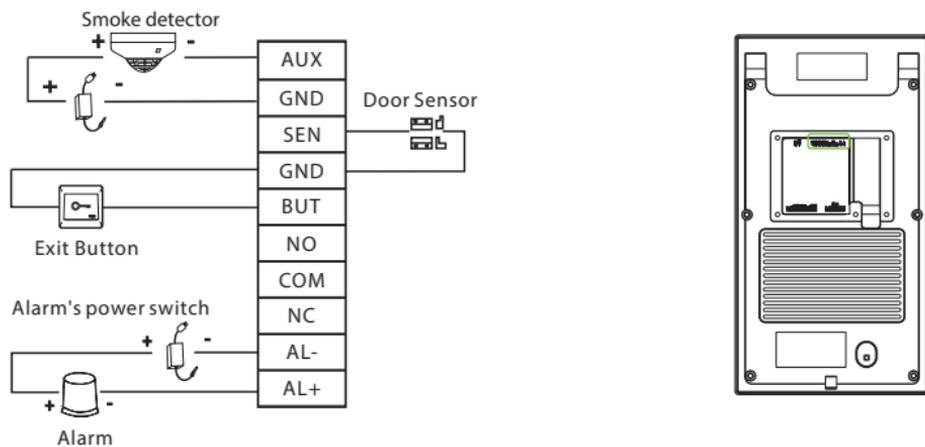Please route the wire through the bracket before installation.

1. Drill a hole on the barrier gate.
2. Insert the bracket into the hole and fix it with a nut.
3. Adjust the angle of the device.

Standalone Installation

Alarm — Smoke detector

Door Sensor

Card Reader — Lock — Exit Button

TCP/IP — ZKBioSecurity

Note: On this document, we just guide you to connect some normal components, if you want more connection of SRB, external fingerprint reader and so on, please check user manual document.

Door Sensor, Exit Button & Alarm Connection

Smoke detector
+   -

+   -

Exit Button

Alarm's power switch
+   -

Alarm
+   -

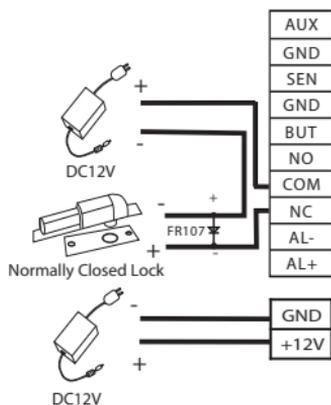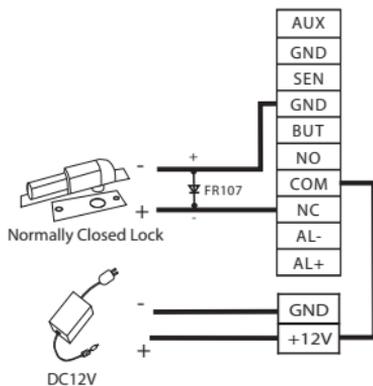| AUX |
| GND | Door Sensor |
| SEN |
| GND |
| BUT |
| NO |
| COM |
| NC |
| AL- |
| AL+ |

Lock Relay Connection

The system supports Normally Opened Lock and Normally Closed Lock.

The NO LOCK (normally opened at power on) is connected with 'NO' and 'COM' terminals, and the NC LOCK (normally closed at power on) is connected with 'NC' and 'COM' terminals. Take NC Lock as an example below:
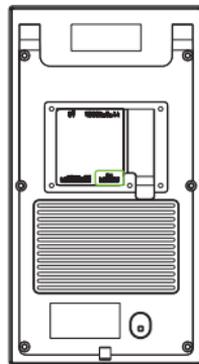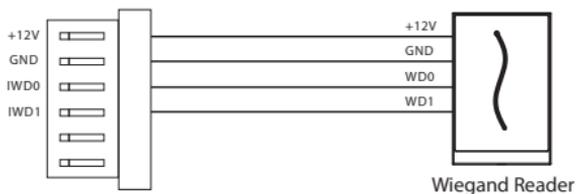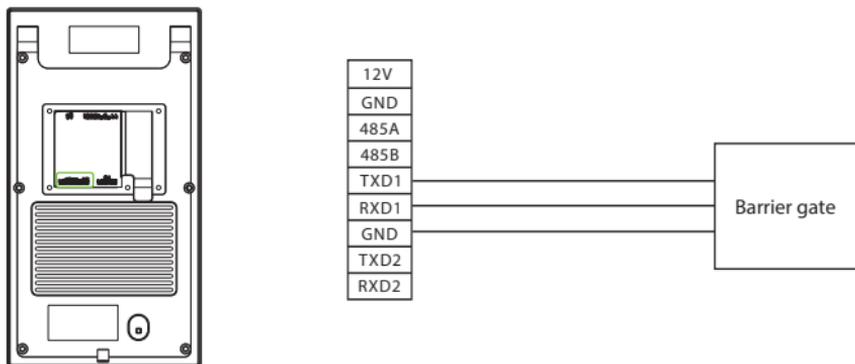
1) Device not sharing power with the lock

	AUX
	GND
	SEN
	GND
	BUT
	NO
	COM
	NC
	AL-
	AL+

DC12V

Normally Closed Lock

FR107

	GND
	+12V

DC12V

2) Device sharing power with the lock

	AUX
	GND
	SEN
	GND
	BUT
	NO
	COM
	NC
	AL-
	AL+

Normally Closed Lock

FR107

	GND
	+12V

DC12V

Wiegand Input Connection

+12V		+12V
GND		GND
IWD0		WD0
IWD1		WD1

Wiegand Reader

Barrier Connection

12V	
GND	
485A	
485B	
TXD1	
RXD1	Barrier gate
GND	
TXD2	
RXD2	

Ethernet Connection

ZKBioSecurity

IP address: 192.168.1.130
Subnet mask: 255.255.255.0
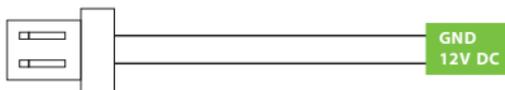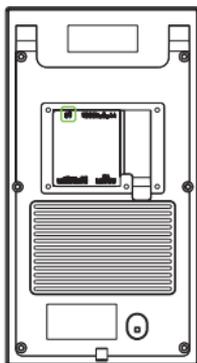
RJ 45

Default IP address: 192.168.1.201
Subnet mask: 255.255.255.0
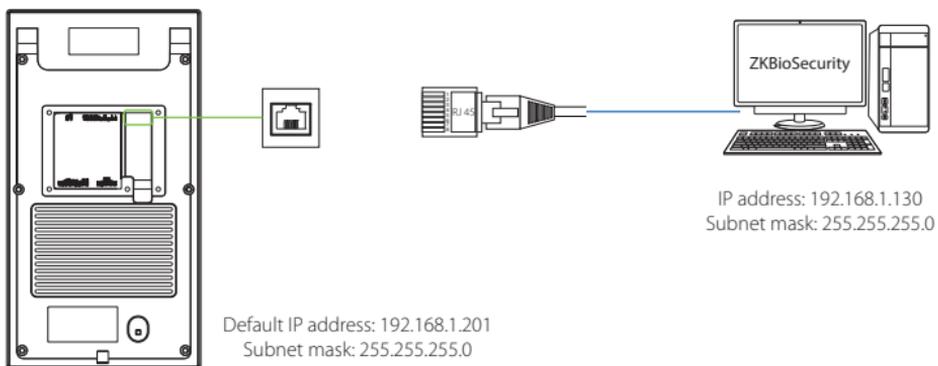
Click [Settings] > [Network Settings] > [TCP/IP Settings] > [DHCP], input the IP address and click [OK].

Note: In LAN, IP addresses of the server (PC) and the device must be in the same network segment when connecting to ZKBioSecurity software.
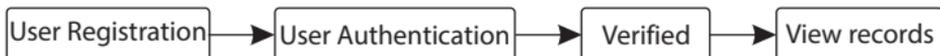
Power Connection

GND
12V DC

Recommended power supply

1) 12V ± 10%, at least 3000mA.
2) To share the power with other devices, use a power supply with higher current ratings.

Quick Start

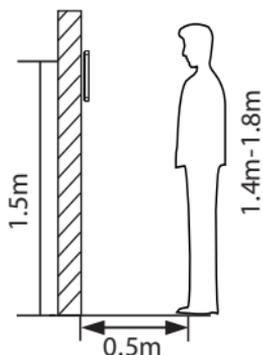User Registration → User Authentication → Verified → View records

❖ User registration

Register on the device

Click ▤ > Employee > ➕ to register new employee. Enter employee name, ID, register face, fingerprint, badge number (fingerprint and ID card are optional), and password.

Note:
1. It's recommended to register multiple administrators.
2. It's recommend enroll user's face in 0.5m distance, it's good for 1.4~1.8m height person.

Register on the software

We recommend use ZKBioSecurity 3.1.5.0 or above.
Please set the IP address and cloud service server address on the device.

1. Click [Access] > [Access Device] > [Device] > [Search Device] to add the device to the software.
When the device has set the server address and port, in can be added automatically.

2. Click [Personnel] > [Person] > [New] to register users in the software.
3. Add users to access levels.
4. Click [Access] > [Device] > [Device Control] > [Synchronize All Data to Devices].
For more details, please refer to the ZKBiosecurity User Manual.

Note: The icons 🖥 or 🖥 in the standby interface indicates that the network connection or the server is abnormal. Please check the network cable and network connection.
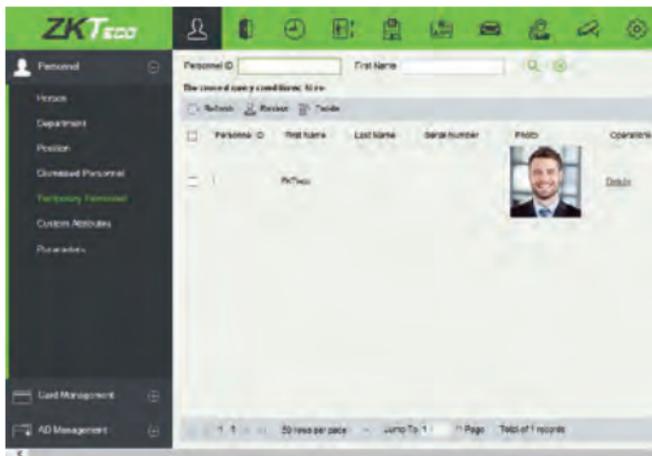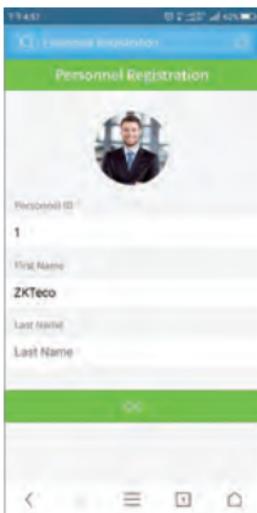
Register on the phone

Once ZKBioSecurity software installation, users could enroll face via broswer application on their own mobile phone.

Cloud server IP address   Server port
Login onto http://X.X.X.X:XX/app/v1/adreg with mobile phone browser application to register users.

The users will display in [Personnel] > [Temporary Personnel], click [Review].

❖ User Authentication

Terminal could detect face in 0.3m to maximum 3m distance. The device switches to face verification interface automatically once it detect bright of environment change. The verification result shows as right image.
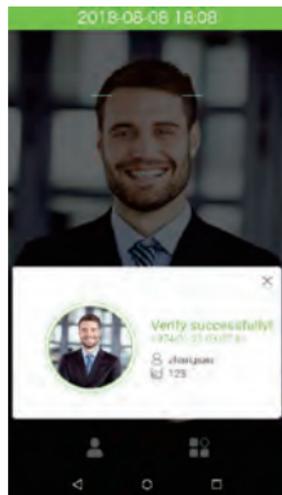
Verification is successful

❖ View records

View records on the software

Click [Access] > [Report] on the software to view the records.