**Manuals+** — User Manuals Simplified.



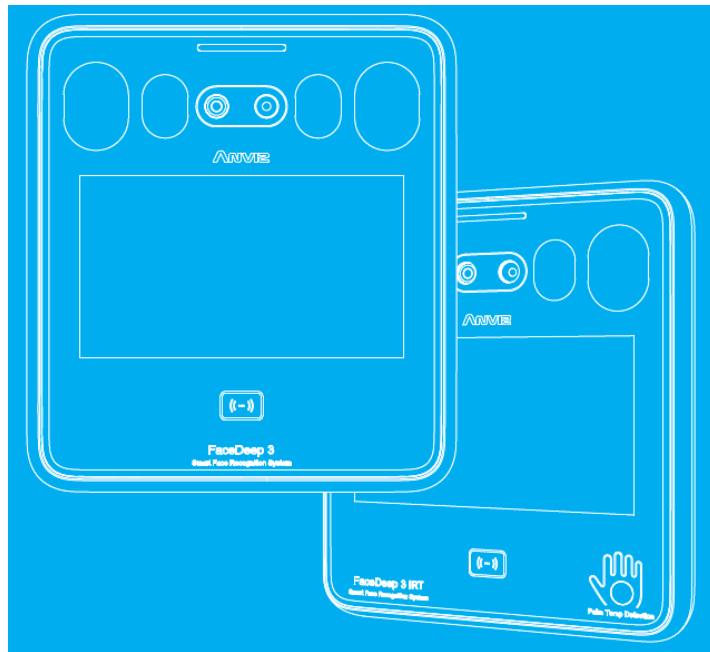# ANVIZ FaceDeep 3 Smart Face Recognition Terminal User Guide
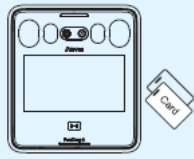
**Contents**

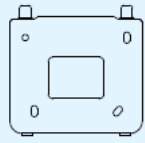**ANVIZ FaceDeep 3 Smart Face Recognition Terminal**

**Notice**

- Do not use oily water or sharp objects to stain or damage the display screen.
- Fragile parts are used in the equipment, so please avoid operations such as falling, crashing, bending or heavily pressing.
- The normal working environment of the display screen and key parts of this equipment is indoor environment. Beyond this temperature range, the equipment will be less effective with reduced functionality and performance. FaceDeep 3 operating temperature: -10°C~50°C(14°F~ 122°F), FaceDeep 3 IRT: 0°C~ 50°C(32°F~ 122°F), Operating humidity: 20- 90%.
- The best performance is between: 15°C~ 32°C(59°F~ 89.6°F).
- Please gently wipe the screen and panel with material of soft cloth. Avoid scrubbing with water or detergent.
- The FaceDeep terminal recommended power is DC 12V~ 2AWhen arrange the wires, if the 12V power supply cable is in long distance, resulting in large resistance, then the insufficient voltage (≤11V), the device will be repeat restart, system crash and so on.
- When the ambient light change to dark, the FaceDeep 3 has filling light itself.
- If using the FaceDeep 3 IRT model, please warm up the device at least 20 mins after power-on in order to enable the device to reach the thermal equilibrium.
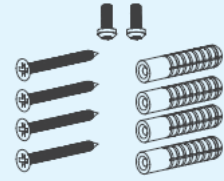
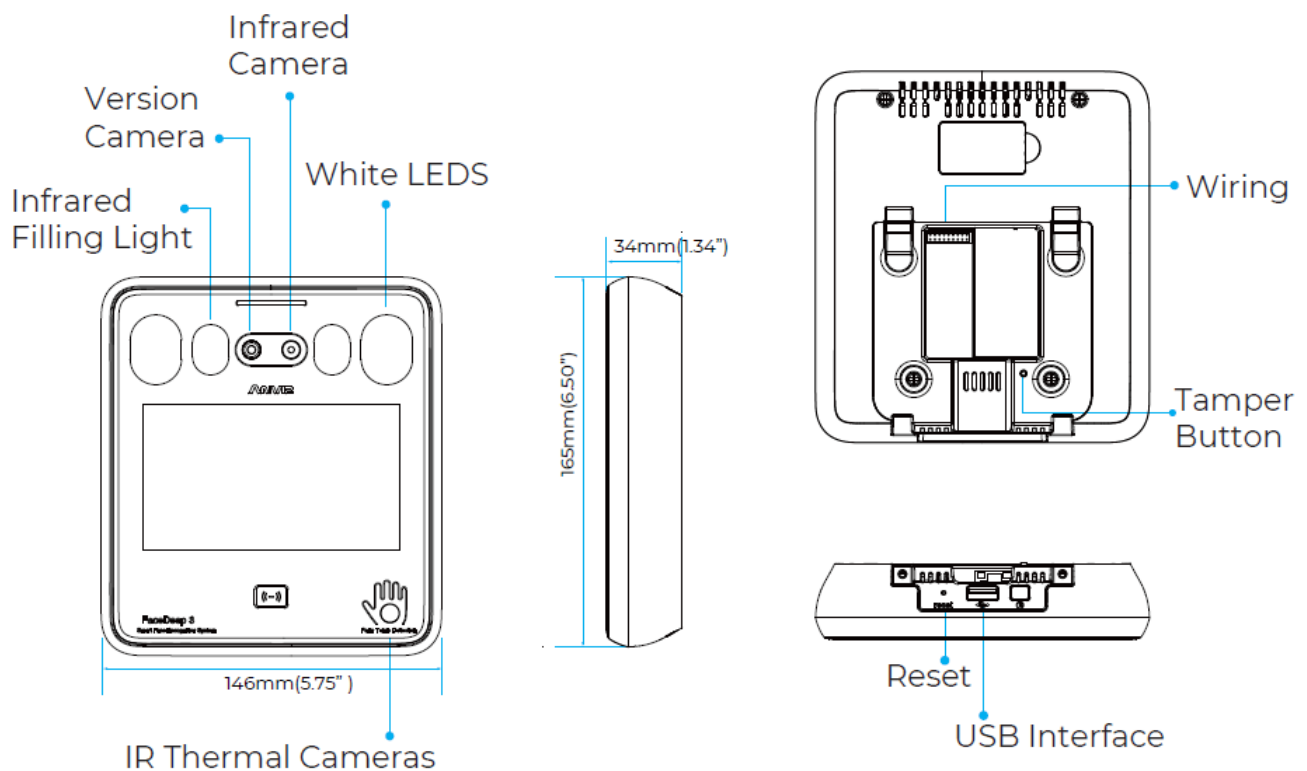## Parts List

Terminal     Mounting Bracket     Quick Guide     Accessories

## Appearance Description



Infrared Camera

Version Camera

White LEDS

Infrared Filling Light

34mm(1.34")

165mm(6.50")

146mm(5.75")

IR Thermal Cameras

Wiring

Tamper Button

Reset

USB Interface

## Installation



Side Light     Strong Light     Back Light

Device shall be installed in places avoiding backlight, side-light, strong light and direct sunlight.

## Legend

The recommended place for Installation ( Please keep 3m away from the window, or does not influenced by sunlight, can be considered for installation)

Backlight, side-light or direct strong light, not suitable for installation.

Other areas, install in suitable places according to actual light impact.
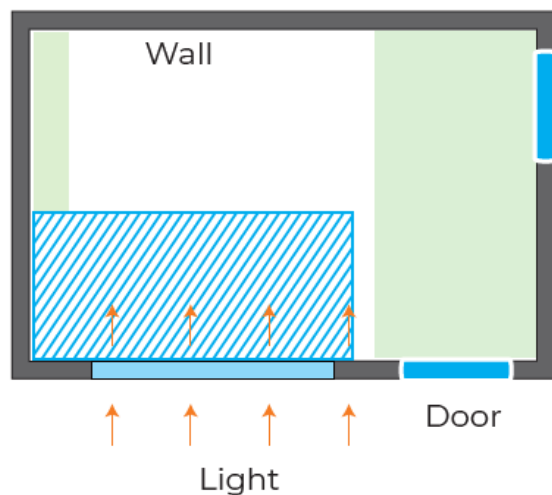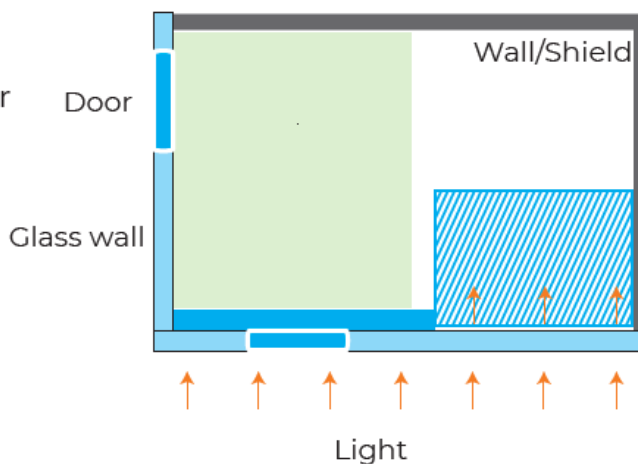
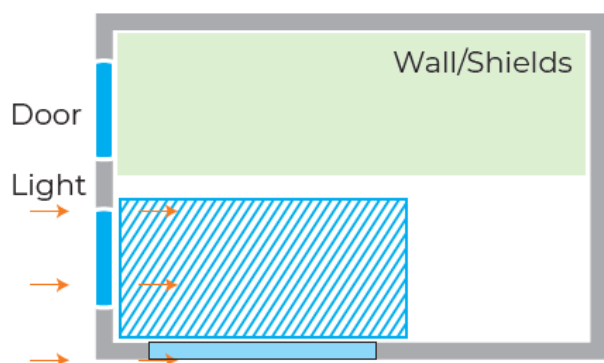↑↑↑ Hard Light

Door

Wall

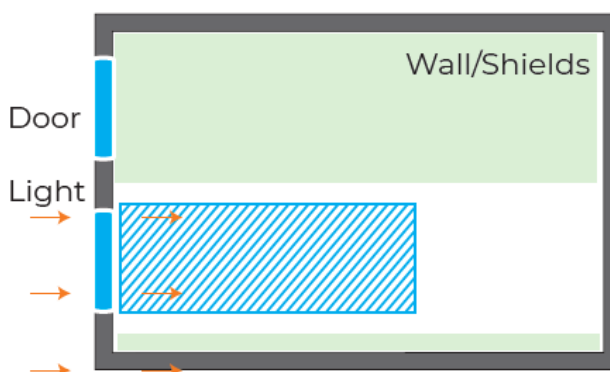Curtain

Glass Window or Class Wall

## Sunlight Shines Indoor

Wall

Door

Door

Light

## Glass Window

Wall/Shield

Door

Glass wall

Light

## Sunlight Shines Through the Door, with Glass Window at One Side

Wall/Shields

Door

Light

## Sunlight Shines Through the Door

Wall/Shields

Door

Light

## Height

2m (6'7")

1.45m (4'9")

1.4m ( 55.12")

1.4m (55.12")

1m (3'3")

Floor
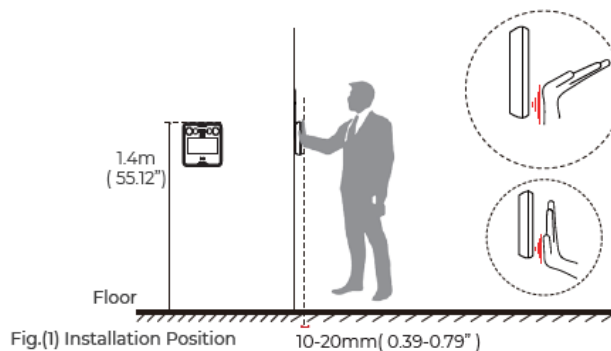
Fig.(1) Installation Position

50cm (19.69")  100cm (39.37")
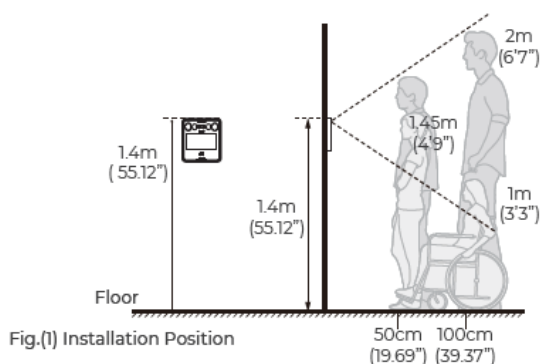
( Recommended Distance for Face Recognition)

Recommend hovering your hand at as close distance as possible from the device, you will receive a more accurate temperature record.

1.4m ( 55.12")

Floor

Fig.(1) Installation Position

10-20mm( 0.39-0.79" )

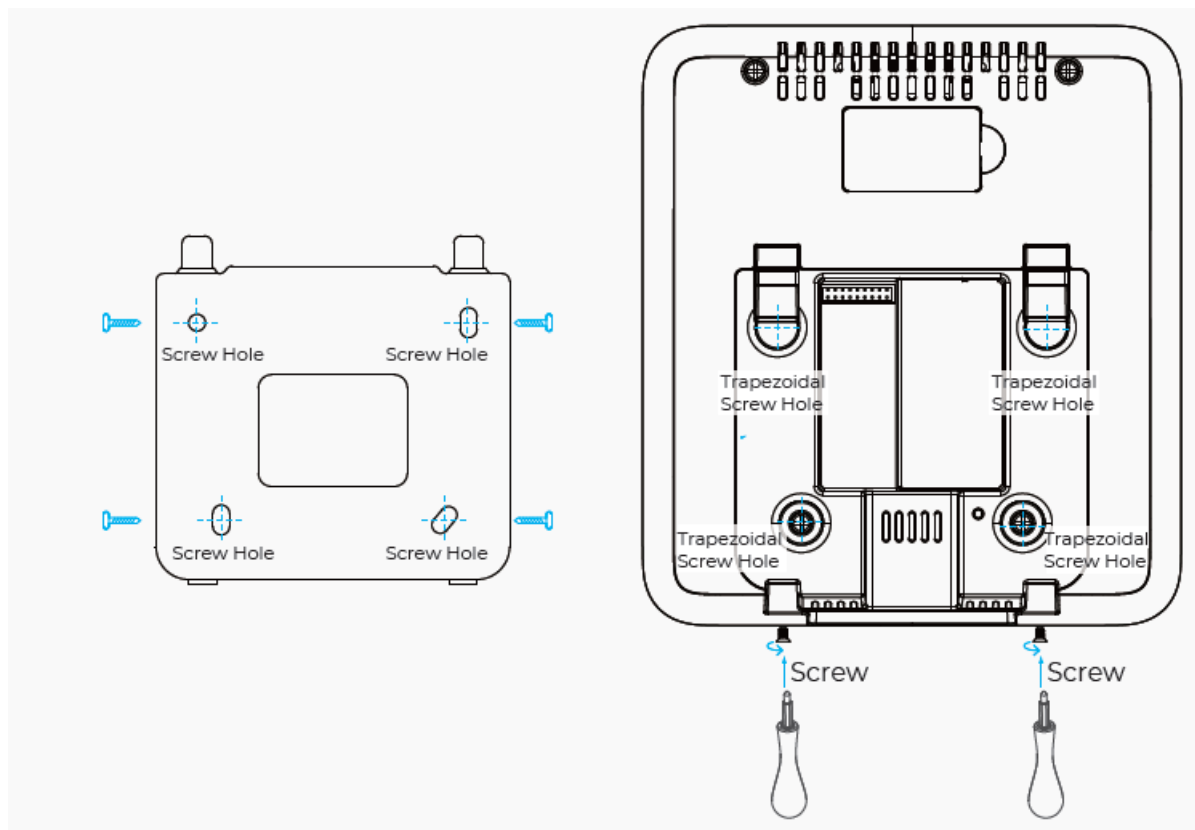( Recommended Distance for Temperature

Suggested installation height is approximately 1.4m(55.12" ) from the top edge of the device to the ground as the recognizable body height range, 50cm(19.69") distance away from the device, is 1.45-1.8m ( 4'9"-5'9"); the recognizable body height range, 100cm( 39.37" ) distance away from the device, is 1m-2m(3'3"-6'7" (There are some deviations) . The temperature detection range is 30mm(1.18").
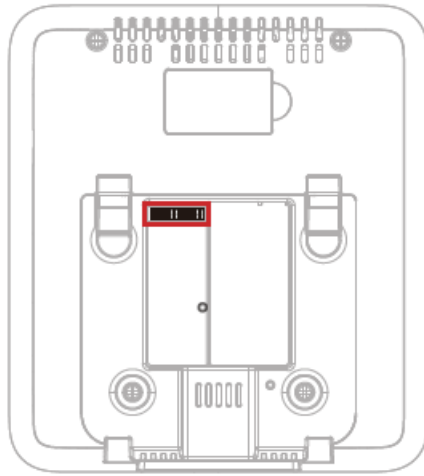
**Steps**

1.  Keep the mounting bracket parallel with the ground and 1.2m( 47.24" ) distance to the ground. Drill 4 screw holes on the wall according to the mounting bracket



Expansion Pipe

Outlet Hole D= 50mm (1.97")
Drill outlet hole for device wiring
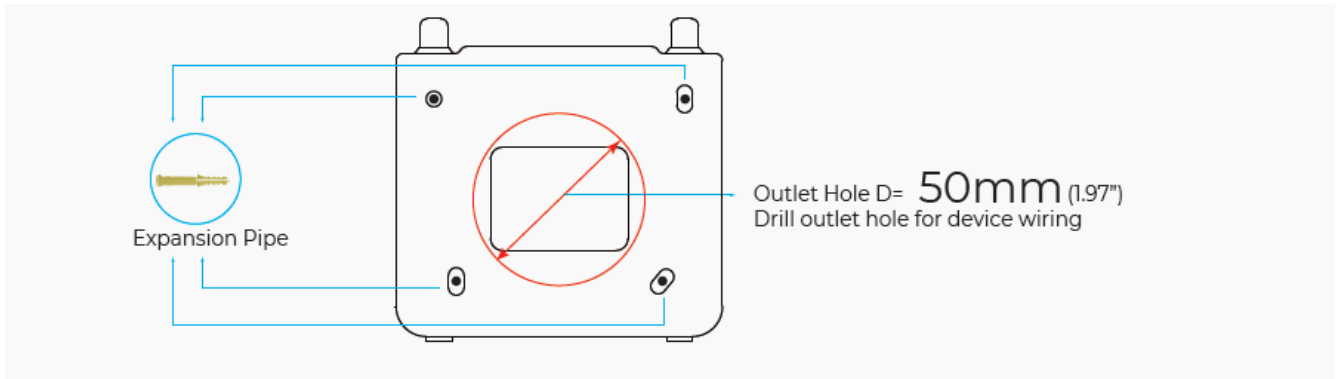
2.  Please punch out the tail lines from the outlet hole before installing the mounting bracket and use the screws to fix the mounting bracket on the wall. Use the screwdriver to tighten the screw follow the direction indicated, to complete the installation.



Screw Hole     Screw Hole

Screw Hole     Screw Hole

Trapezoidal     Trapezoidal
Screw Hole      Screw Hole

Trapezoidal     Trapezoidal
Screw Hole      Screw Hole
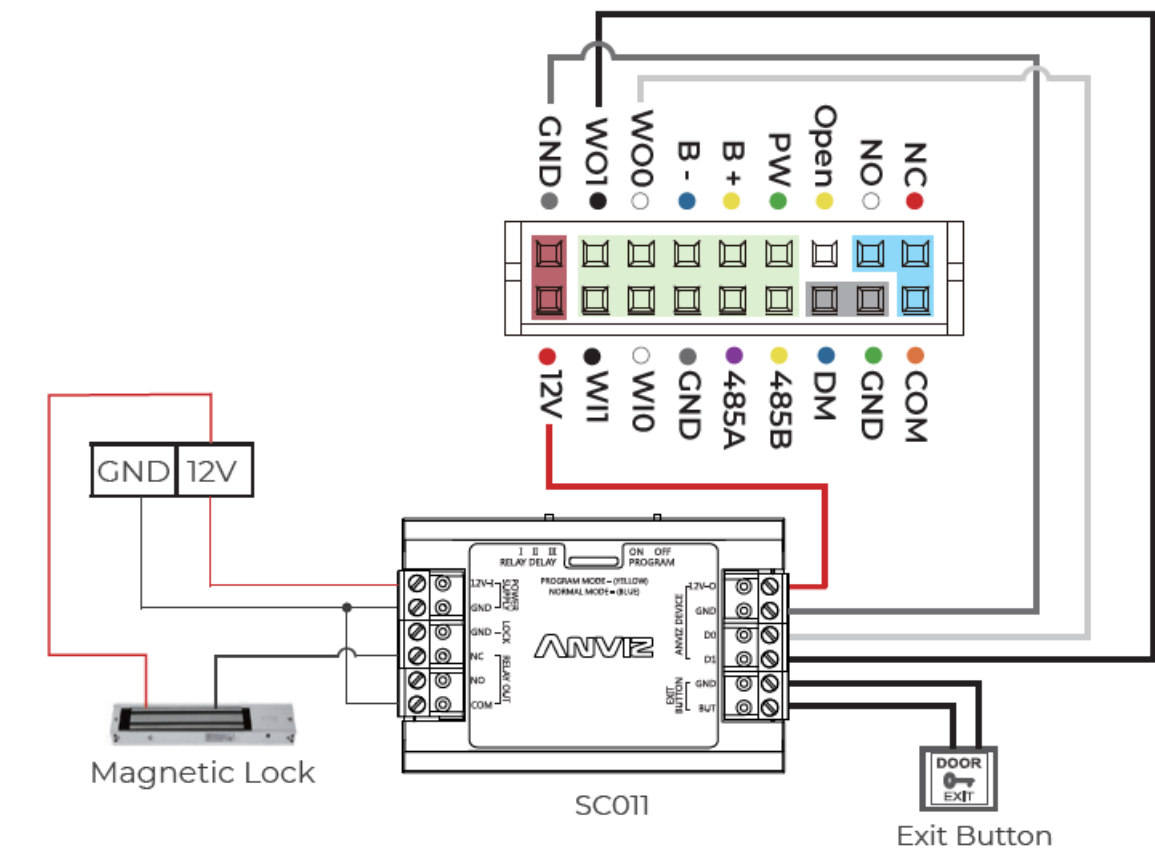
Screw           Screw

**Access Control Power Supply**

**FCARD MICROPOWER**
POWER SUPPLY CONTROLLEF
MODEL:FC-901/903
INPUT:AC220/230W 50HZ
OUTPUT:DC12V, 3Amps+
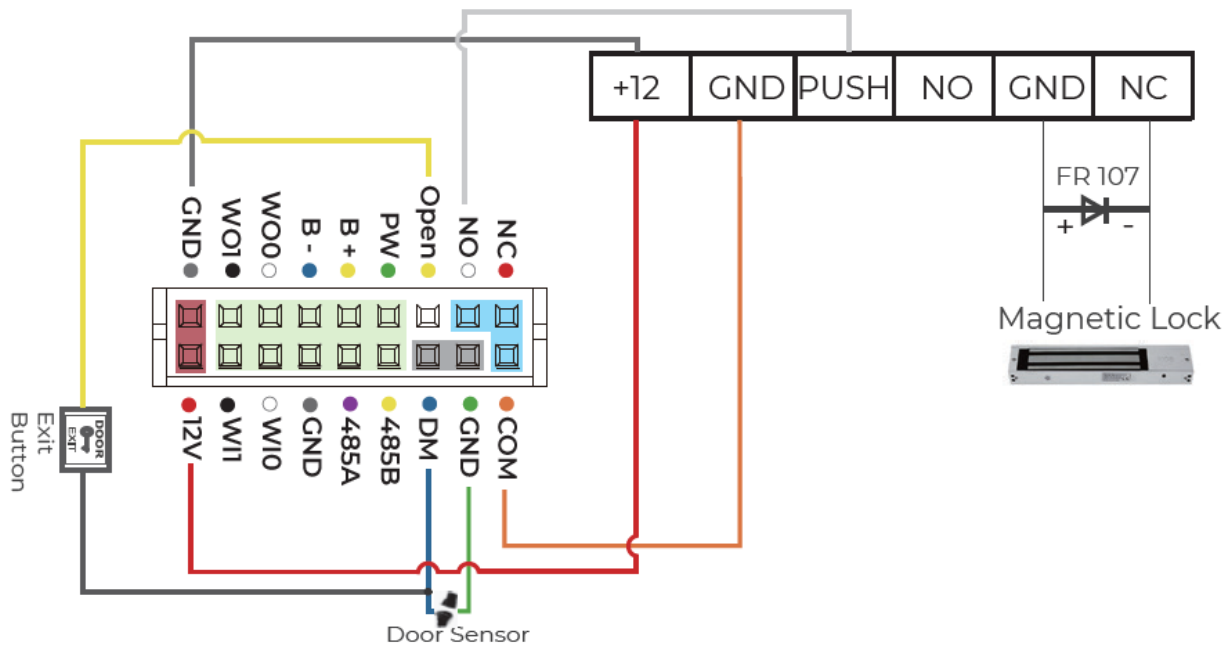
## Wiring Connection

SC011 and the FaceDeep 3 device are authorized by Anviz wiegand to form a distributed access control system. Please contact **sales@anviz.com** for more information.

Magnetic Lock     SC011     Exit Button

## General Settings



1. Power on the FaceDeep 3 and wait for the activation. Click ⚙, then enter admin ID and password to access the main menu, or click ⚙ to verify the employee ID and password.

2. Click ⚙ then input defualt ID "0", password "12345" to enter main menu. You can change the admin password according to your needs, or set other users as administrators.

3. Enter system settings\time to set date and time.

4. Check or edit device ID and admin password in system settings\device.

## Communication Settings

1. Click "Network" option to enter network setting page, then select Ethernet or Wi-Fi

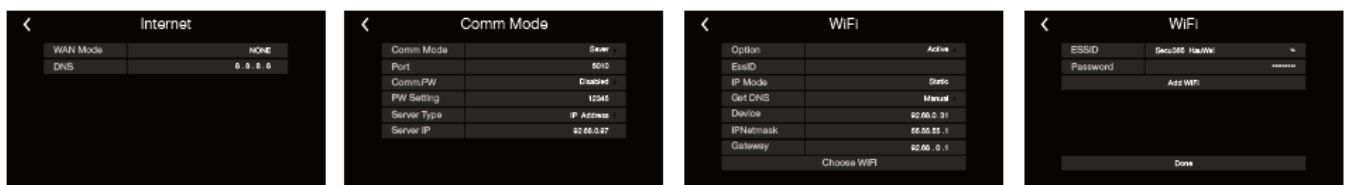2. Click "Network\Comm Mode"to select server or client mode.

3. Set Ethernet or WiFi parameters based on your network environment.

4. PING v IP address on a management computer to make sure the device is connected.

## Ethernet Setting



| ① | ② | ③ | ④ |
|---|---|---|---|
| Click "Network "option to enter network setting page. | Click "Internet"to set WAN mode as Ethernet, and then set DNS IP address. | Click "Comm Mode" to select server or client mode. | Click "Ethernet" to modify TCP/IP settings. |

## Wi-Fi Setting



| ① | ② | ③ | ④ |
|---|---|---|---|
| Click "Internet" to set WAN mode as Wi-Fi, and then set DNS IP address. | Click "Comm Mode" to select server or client mode. | Click "Wi-Fi" to modify the TCP/IP settings. Click "Choose Wi-Fi" to move to the next stpes. | will automatically search all available Wi-Fi. Select one to finish the connection. |

## User Enrollment
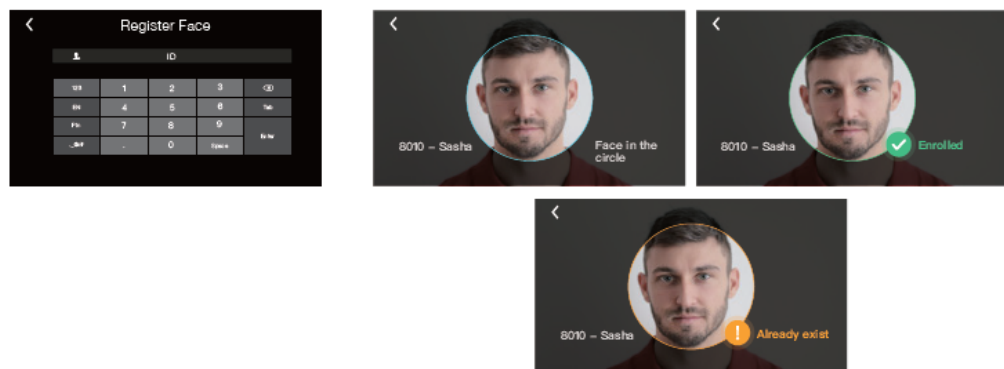


| ① | ② |
|---|---|
| Click "Enroll Face" and input ID for quick face registration. | • Keep face in the center of the detection frame, according to the device request.<br>• Slightly move head left and right, up and down during the registration.<br>• If the registration process takes too long or fails, please change the registration position.<br>• In some cases, the detection frame might move to the top, it might be triggered by glasses. Take the glasses off, and try one again. |

## Registration of Other Authentication Methods
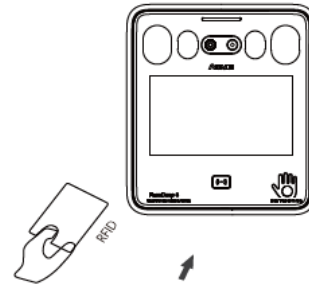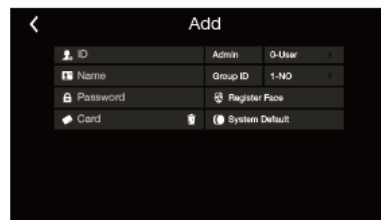
① Click "User"/"Add" to input ID, Password and Name. Click "Register Face" to enroll.

Click "Card" and swipe the card at the card detection area to finish the registration.

**TIPS**

Do not cover the forehead and keep facial area that belows the eyebros visible during the face registration. In order to improve comparison accuracy, users need to attempt multiple possible angles. Be careful not to change the facial expression (smiling face, drawn face, wink, etc.).

## To Switch the Status of "IN" or "OUT"
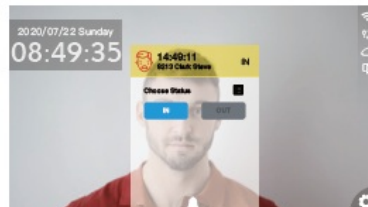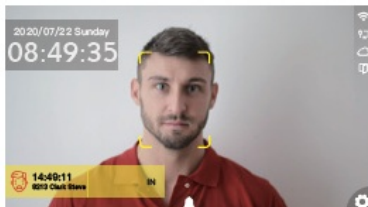


① When the User pass the face verification, the status of "IN" will be available.

② Click "IN" -->Choose Status --> Press "OUT" if need.

3.Meanwhile, if you want to see the logs of Time and attendance, please pick up "📇".

## To Import and Export the Lots of Face Photos of Users to be Enrolled with USB Disk

- To setup a new folder in the root directory of your usb stick, rename it ,eg. "Face"
- Select the Face photos to be imported and rename as the actual ID number, to save these photo files into the Folder of "Face ", eg. 1000001.jpg
- Add a new file of Users.xls in the "Face" folder, and fill in the personnel information you want to import as the follows.
- Copy the Folder as well as the photos to USB Disk, and then insert the USB back to FaceDeep 3 Terminal.
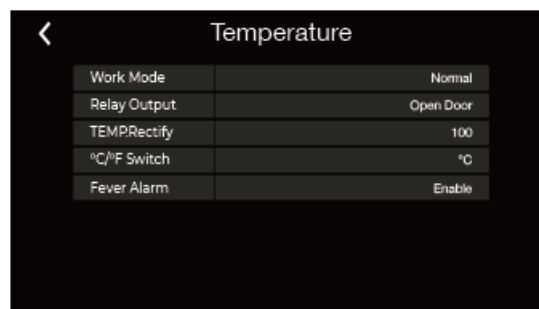- Enter Menu– > Press "Data" –>" Import"—>"Data Import"—>"Face Import"–> Press" Import"
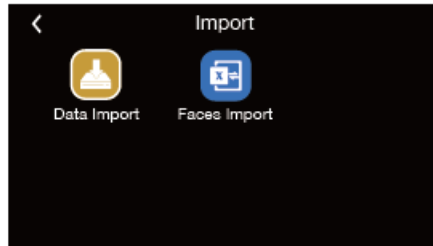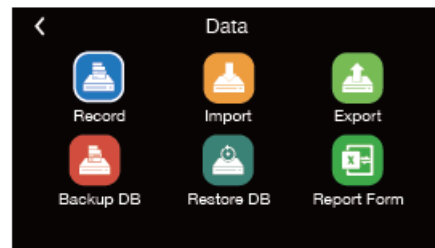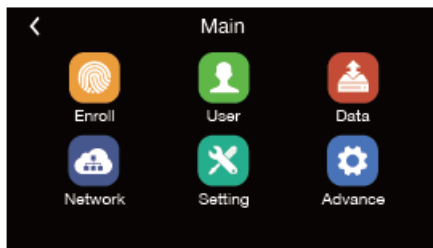
**The Face Photo of User should be:**

- File Format: JPG image
- Size: the maximum size are 500KB.
- Dimensions: 100 pixels < Width < 2000 pixels, 100 pixels < Height < 2000 pixels

## How to Setup Temperature

Press" Menu", Click " Advanced\Temperature" , then you can reset or modify the setup accordingly if need.



## Matching Precision Settings

- Three precision levels : Basic/Good/Excellent
- Basic: Excellent face comparison speed.
- Good: Fast face comparison speed with high secure protection, recommended.
- Excellent: Top security precision, recommended using in a high secure properties.
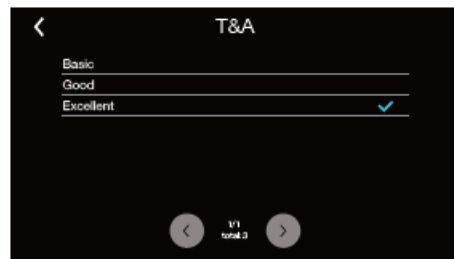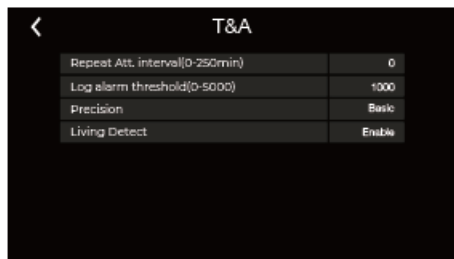
| | |
|---|---|
| ① | ② |
| Enter from Main menu to Advanced\T&A\Precision | Precision levels : Basic/Good/Excellent |

In order to protect the environment, Anviz has decided to go "CD Free" campaign since June 1st 2019. We will provide QR code for you to download the electronic documents to make sure that you understand how to install and use Anviz devices.

## Documents / Resources



**ANVIZ FaceDeep 3 Smart Face Recognition Terminal** [pdf] User Guide
FaceDeep 3, Smart Face Recognition Terminal, FaceDeep 3 Smart Face Recognition Terminal, Face Recognition Terminal

**Manuals+**,