ANVIZ 南京

POWERING A SMARTER WORLD

FaceDeep3
FaceDeep3 IRT

Smart Face Recognition System
Quick Guide V1.0
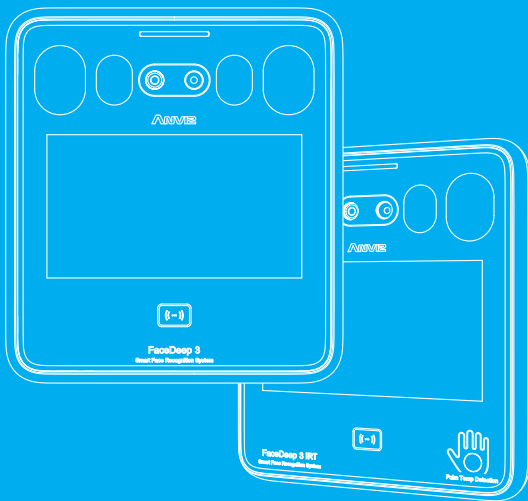
- Do not use oily water or sharp objects to stain or damage the display screen.
- Fragile parts are used in the equipment, so please avoid operations such as falling, crashing, bending or heavily pressing.
- The normal working environment of the display screen and key parts of this equipment is indoor environment. Beyond this temperature range, the equipment will be less effective with reduced functionality and performance. Operating temperature: -10℃~50℃(14°F ~ 122°F), Operating humidity: 20-90%.
- Please gently wipe the screen and panel with material of soft cloth. Avoid scrubbing with water or detergent.
- The Face Deep terminal recommended power is DC 12V ~ 2A; When 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 Face Deep 3 has filling light itself.
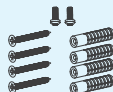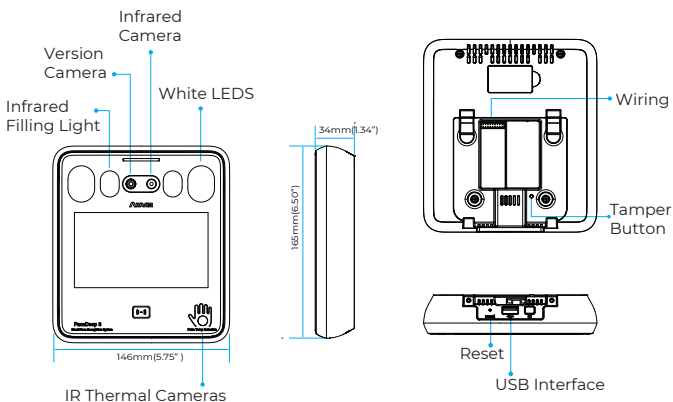
Parts List

| 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

The Sunlight and Hard Light may lead to big differences between site image and registered image; backlight, side-light and strong light will influence the recognition experience. (Analysis: from the view of human eyes, the color changes on face skin may result in wrong recognition of identity; unclear exposure area, no matter large or small, may influence the identity judgement.)


Side Light   Strong Light   Back Light

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

The recommended place for Installation (Please keep 3m away from the window, or does not influenced by sunlight, can be considered for installation)
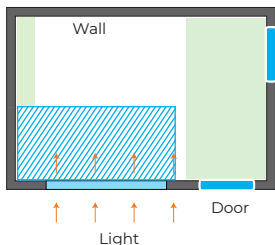
Backlight, side-light or direct strong light, not suitable for installation.

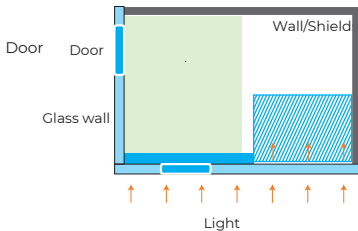Other areas, install in suitable places according to actual light impact.

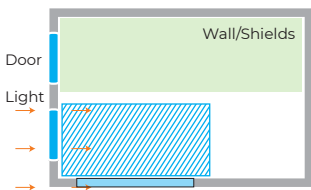↑↑↑ Hard Light   Door   Wall

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

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

130cm (51.18")

200cm (78.74")

145cm (57.09")

Floor

Fig.(1) Installation Position

100cm(39.37")

150cm (59.06")
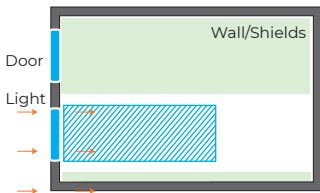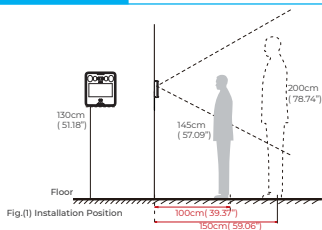
(Recommended Distance for Face Recognition)

130cm (51.18")

Floor

Fig.(1) Installation Position

10-20mm(0.39-0.79")
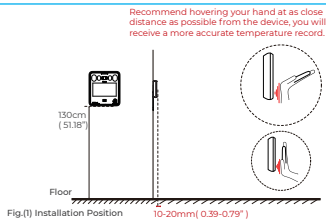
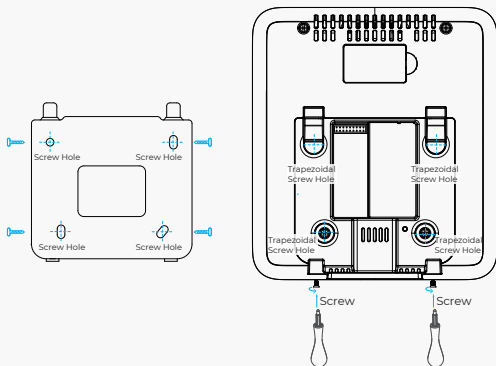(Recommended Distance for Temperature)

Suggested installation height (the distance between the lens and the ground is 1.5m(59.06"), as the recognizable body height range, 1m distance away from the device, is 1.4-1.8m (55.12-70.87"); the recognizable body height range, 1.5m(59.06") distance away from the device, is 1m-2.2m(39.37-86.61"). (There are some deviations) . The temperature detection range is 30mm(1.18").
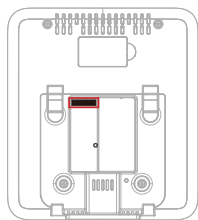
Steps

1 Keep the mounting bracket parallel with the ground and 1.2m distance to the ground. Drill 4 screw holes on the wall according to the rmounting bracket ,

Expansion Pipe

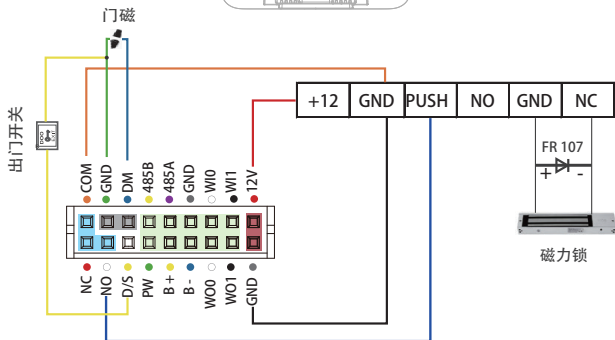Outlet Hole D= 50mm (1.97")
Drill outlet hole for device wiring
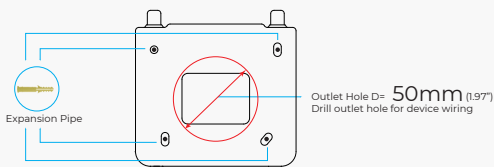
2 Please punch out the tail lines from the outlet hole before installing the mounting bracket and use the screws to fix the mounting bracket on the wall. Use the screwdriver to tighten thescrew follow the direction indicated, to complete the installation.

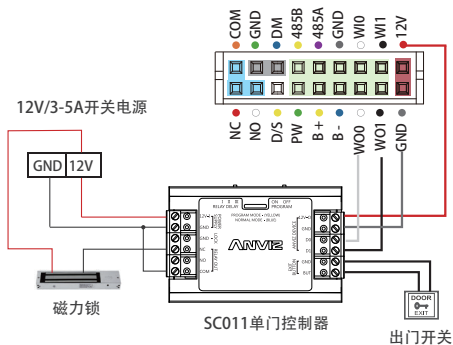Screw Hole   Screw Hole

Screw Hole   Screw Hole

Trapezoidal Screw Hole   Trapezoidal Screw Hole

Trapezoidal Screw Hole   Trapezoidal Screw Hole

Screw   Screw

门禁电源供电方式接线

门禁专用电源
POWER SUPPLY CONTROLLEF
INPUT:AC220/230W 50HZ
OUTPUT:DC12V, 3Amps+

门磁

出门开关

+12	GND	PUSH	NO	GND	NC

FR 107

磁力锁
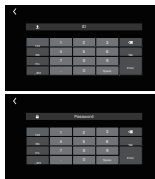
COM GND DM 485B 485A GND WI0 WI1 12V

NC NO D/S PW B+ B- WO0 WO1 GND

门禁控制器韦根方式接线

* SC011 与 FaceDeep 3 通过ANVIZ韦根进行授权，SC011需额外定购。

COM GND DM 485B 485A WI0 WI1 12V

NC NO D/S PW B+ B- WO0 WO1 GND

12V/3-5A开关电源

GND	12V

磁力锁

RELAY DELAY
PROGRAM MODE - YELLOW
NORMAL MODE - BLUE

ON OFF
PROGRAM

ANVIZ

DOOR
EXIT

SC011单门控制器

出门开关

General Settings
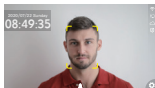
| ①	②	③	④
Power on the FaceDeep 3 and wait for the activation.Click ⚙, then enter admin ID and password to access the main menu, or click ⚙ to verify the employee ID and password.	Click ⚙, then input defualt ID "0", password "12345" to enter main menu. You can change the admin password according to your needs, or set other users as administrators.	Enter system settings \ time to set date and time.	Check or edit device ID and admin password in system settings\device.

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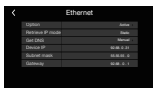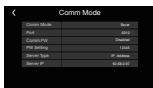
① Click"Network" option to enter network setting page, then select Ethernet or Wi-Fi

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

Quick Face Registration

| 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.
- Slightly move head left and right, up and down during the registration.
- If the registration process takes too long or fails, please change the registration position.
- 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
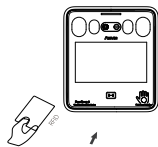
| ① | ② |

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"
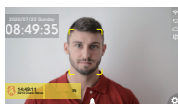
| ①	②	③
When the User pass the face verification, the status of "IN" will be available.	Click "IN" -->Choose Status --> Press "OUT" if need.	3.Meanwhile, if you want to see the logs of Time and attendance, please pick up "📇".

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.

User ID	Name	Card NO.	Group No.	Face Image File Name(End in. jpg)
1000001	James	123456789	1	1000001.jpg

- 4.Copy the Folder as well as the photos to USB Disk, and then insert the USB back to FaceDeep 3 Terminal.
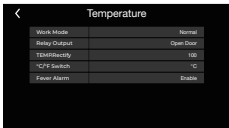 5. Enter Menu-- > Press "Data" -->" Import"--->"Data Import"--->"Face Import"--> Press" Import"
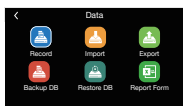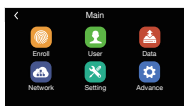
* **The Face Photo of User should be :**

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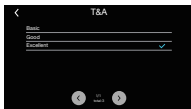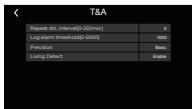
How to Setup Temperature

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

Temperature	
Work Mode	Normal
Relay Output	Open Door
TEMP.Rectify	100
°C°F Switch	°C
Fever Alarm	Enable

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.

T&A	
Repeat Att. interval(0-250min)	8
Log alarm threshold(0-5000)	1998
Precision	Basic
Living Detect	Enable

T&A
Basic
Good
Excellent ✓

①

Enter from Main menu to
Advanced\T&A\Precision

②

Precision levels :
Basic/Good/Excellent

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