1 Installation

HIKVISION

DS-K1T673 Series
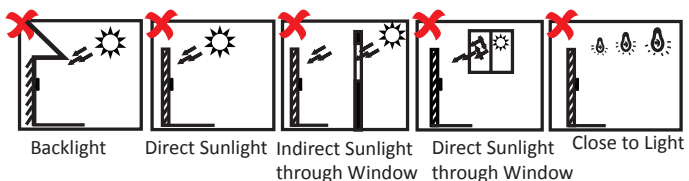# Face Recognition Terminal

Quick Start Guide

UD24653B-A

Installation Environment:

Indoor and outdoor use.
Avoid backlight, direct sunlight, and indirect sunlight.

For Better recognition, there should be light source in or near the installation environment.
The minimum bearing weight of the wall or other places should be 3 times heavier than the device weight.
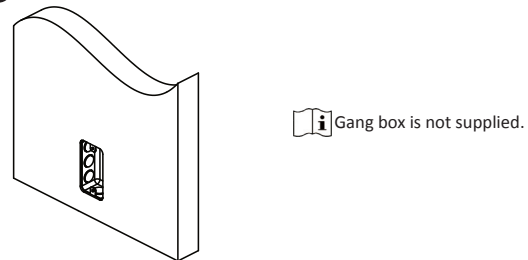

Backlight | Direct Sunlight | Indirect Sunlight through Window | Direct Sunlight through Window | Close to Light
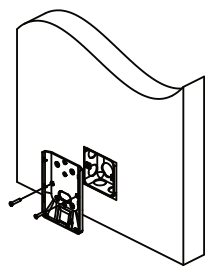
Wall Mounting

Before you start:

Remove the back sheet of the device.

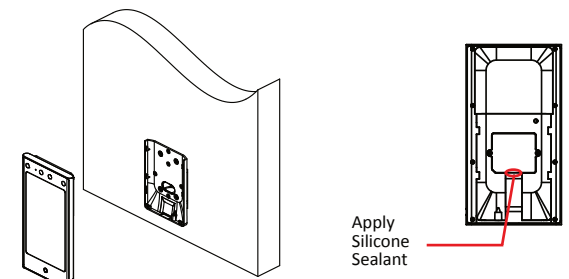❶ Make sure the gang box is installed on the wall.

ⓘ Gang box is not supplied.

❷ Secure the mounting plate on the gang box with two supplied screws (SC-K1A4X24_5).

ⓘ Gang box is not supplied.

❸ Route the cable through the cable hole, wire the cables and insert the cables in the gang box.
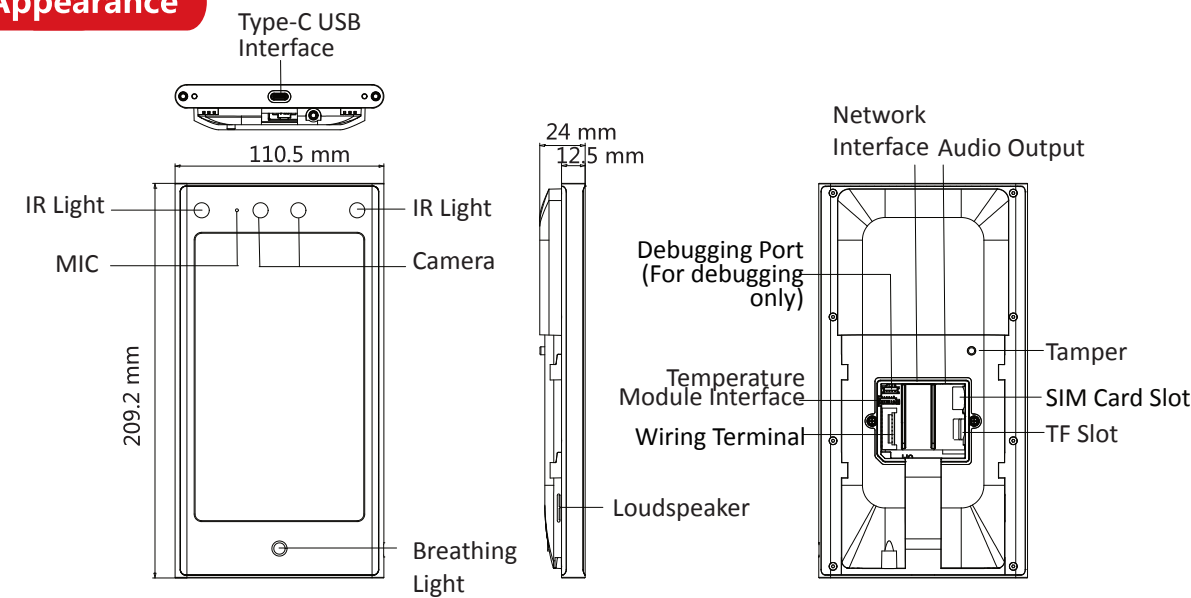
Apply Silicone Sealant

ⓘ Apply silicone sealant among the cable wiring area to keep the raindrop from entering.

❹ Align the device with the mounting plate, and secure the device on the mounting plate with 1 supplied screw (SC-KM3X6-H2-SUS).

ⓘ After installation, for the proper use of the device (outdoor use), stick the protection film (parts of models supplied) on the screen.
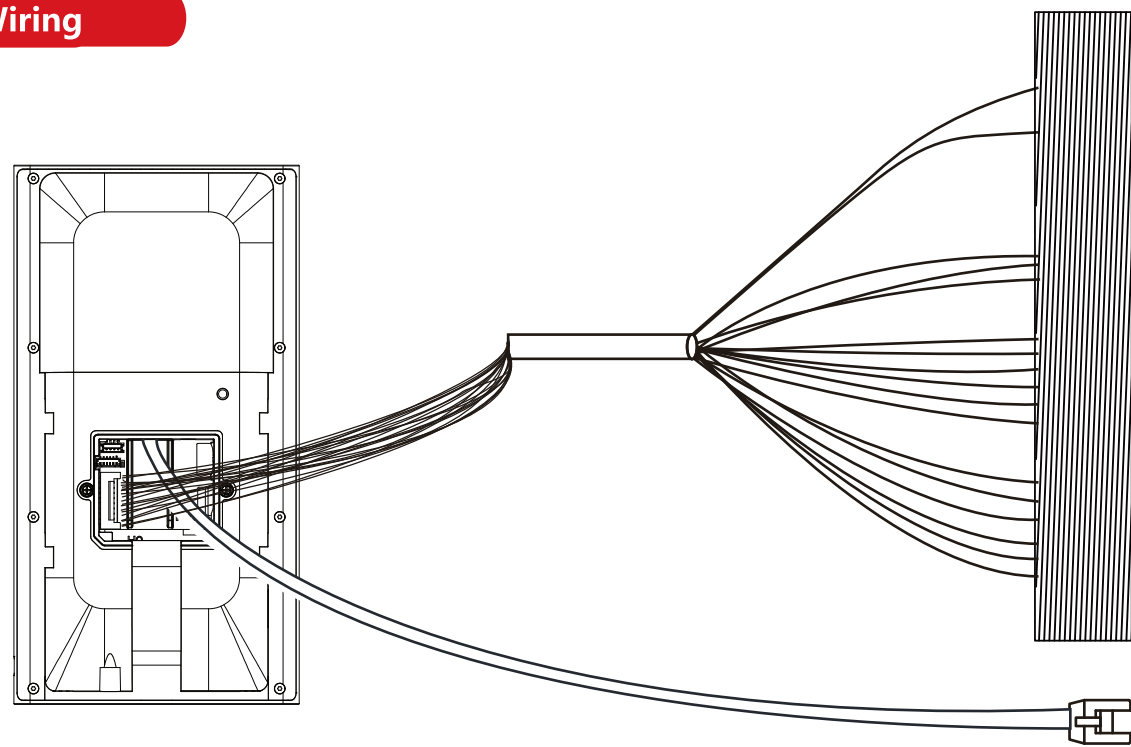
❺ (Optional) According to actual needs, you can connect other modules to the USB interface.

2 Appearance

Type-C USB Interface

Network Interface | Audio Output

110.5 mm
209.2 mm
24 mm
12.5 mm

IR Light
MIC
IR Light
Camera
Breathing Light

Debugging Port (For debugging only)
Temperature Module Interface
Wiring Terminal
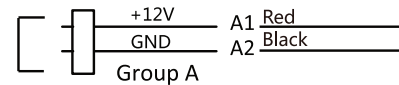Loudspeaker
Tamper
SIM Card Slot
TF Slot

Peripheral Module

ⓘ
● If the audio plug diameter is greater than 8 mm, an external adapter is required.
● The figures are for reference only.
● The device supports external QR code module, bluetooth module, fingerprint + bluetooth module, fingerprint + bluetooth + QR code module, which can be accessed according to actual needs.
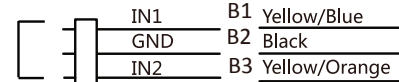
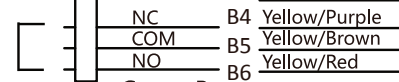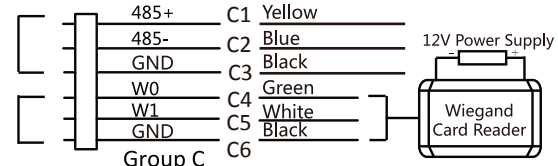Scan the QR code to get the user manual for detailed information.

Use only power supplies listed in the user instructions:

Model	Manufacturer	Standard
ADS-26FSG-12 12024EPG	Shenzhen Honor Electronic Co.,Ltd	PG
MSA-C2000IC12.0-24P-DE	MOSO Technology Co.,Ltd	PDE
ADS-24S-12 1224GPG	Shenzhen Honor Electronic Co., Ltd.	PB

3 Wiring

Power Input

| +12V | A1 | Red |
| GND | A2 | Black |

Group A

Alarm Input

IN1	B1	Yellow/Blue
GND	B2	Black
IN2	B3	Yellow/Orange

Alarm Output

NC	B4	Yellow/Purple
COM	B5	Yellow/Brown
NO	B6	Yellow/Red

Group B

RS-485

485+	C1	Yellow
485-	C2	Blue
GND	C3	Black

Wiegand

W0	C4	Green
W1	C5	White
GND	C6	Black

Group C

12V Power Supply
Wiegand Card Reader

Door Lock

NC	D1	White/Purple
COM	D2	White/Yellow
NO	D3	White/Red
SENSOR	D4	Yellow/Green
GND	D5	Black
BTN	D6	Yellow/Grey
GND		Yellow/Black

Group D

Electric Dropbolt
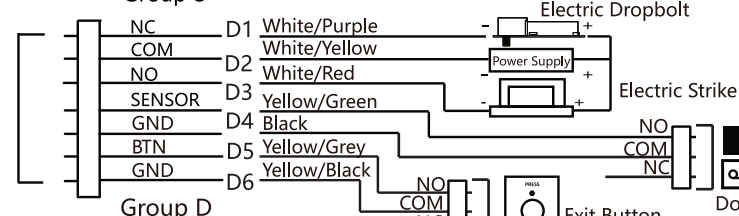Power Supply
Electric Strike

NO
COM
NC

NO
COM
NC

Exit Button

Door Contact

Network Port

ⓘ
● When connecting door contact and exit button, the device and the RS-485 card reader should use the same common ground connection.
● The Wiegand terminal here is a Wiegand input terminal. You should set the device's Wiegand direction to "input". If you should connect to an access controller, you should set the Wiegand direction to "Output". For details, see the user manual.
● The suggested external power supply for door lock is 12 V, 1 A.
● The suggested external power supply for Wiegand card reader is 12 V, 1 A.
● For wiring the fire system, see the user manul.
● Do not wire the device to the electric supply directly.

4 Quick Operation

● Activation via Device

After powering on, you will enter the activation page.

Steps:
1. Create a password and confirm the password.
2. Tap **AcGvate** to acÑvate the device.

ⓘ Characters containing admin and nimda are not supported to be set as activation password.

⚠ We highly recommend you to create a strong password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you change your password regularly, especially in the high security system, changing the password monthly or weekly can better protect your product.

● Set Language

Select a language from the drop-down list.

● Set Application Mode

AÕer acÑvaÑon, you should select an applicaÑon mode. Select **Indoor** or **Others** from the drop-down list and tap **OK**.

ⓘ If you install the device indoors near the window or the face recogniÑon funcÑon is not working well, select **Others**.

● Set Network Parameters

Wired Network:
-If enable **DHCP**, the system will assign the IP address and other parameters automaÑcally.
-If disable **DHCP**, you should manually set the IP address and other parameters.
Wi-Fi:
-Select a Wi-Fi and enter the Wi-Fi's password.
-Or tap **Add Wi-Fi** and enter the Wi-Fi's name and password.

ⓘ If you select **Wired Network**, make sure the device has connected to a network.

● Access to Hik-connect

You can add the device to the Hik-Connect mobile client. Enable **Access to Hik-connect**, and set the Server IP and Verification Code.

● Privacy Settings

Set the privacy parameters, including the picture uploading and storage.

● Set Administrator

Steps:
1. (Optional) Edit the employee ID.
2. Enter the administrator's name and tap **OK.**
3. Select a credentail to add. You can select face and fingerprint.
   --Add Face: Tap 🔲 to capture. And tap ☑ to save.
   --Add Fingerprint: Tap the fingerprint icon, and add fingerprint according to the prompt.
4. Tap **OK**.

ⓘ Only the device with the fingerrpint module supports the fingerprint functions.

5 Add Face Picture

1. Use finger to hold the screen surface for 3 s and slide to right/leÕ and enter the acÑvaÑon password to enter the Home page.

2. Enter the User Management page, tap + to enter the Add User page.

3. Set the user parameters according to actual needs

ⓘ Only the device with the fingerprint module support the fingerprint related funcÑons.

4. Tap **Face** and add the face informaÑon according to the instrucÑons.
You can view the captured picture on the screen, Make sure the face picture is in good quality and size.
For details about the Ñps and posiÑons when collecÑng or comparing the face picture, see the contents on the right.

5. If the picture is in good condiÑon, tap ☑.
Or tap 🔲 to take another face picture.

6. Tap the save icon to save the seÕ ngs.
Go back to the iniÑal page to start authenÑcaÑon.
For other authenÑcaÑon methods, see the device user manual.

ⓘ User other authenÑcaÑon methods if the device is affected by the light or other items.

⚠ Biometric recogniÑon products are not 100% applicable to anÑ-spoofing environments. If you require a higher security level, use mulÑple authenÑcaÑon modes.
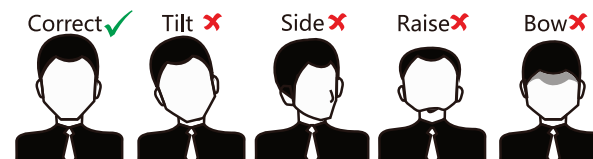
Tips When CollecGng/Comparing Face Picture

Expression

● Keep your expression naturally when collecÑng or comparing face pictures, just like the expression in the picture on the right.

● Do not wear hat, sunglasses, or other accessories that can affect the facial recogniÑon funcÑon.

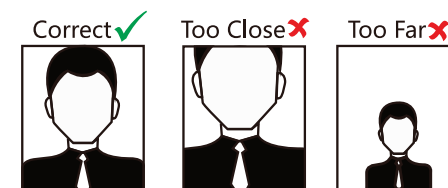● Do not make your hair cover your eyes, ears, etc. and heavy makeup is not allowed.

Posture

In order to get a good quality and accurate face picture, posiÑon your face looking at the camera when collecÑng or comparing face picture.
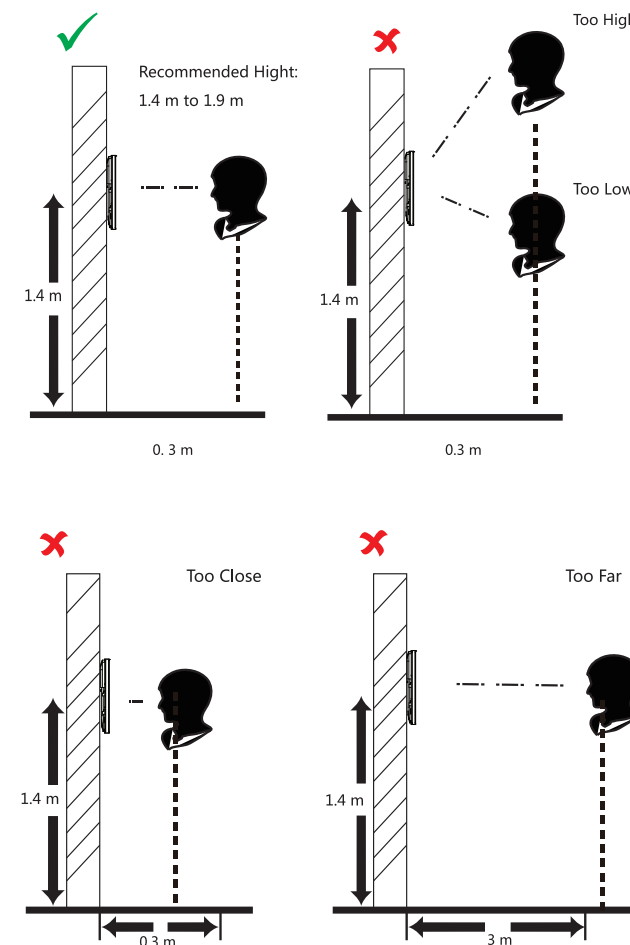
Correct ✔ Tilt ✘ Side ✘ Raise ✘ Bow ✘

Size

Make sure your face is in the middle of the collecÑng window.

Correct ✔ Too Close ✘ Too Far ✘

PosiGons When CollecGng/Comparing Face Picture

✔ Recommended Hight: 1.4 to 1.9 m
✘ Too High / Too Low

1.4 m / 1.4 m
0. 3 m / 0.3 m

✘ Too Close / ✘ Too Far
1.4 m / 1.4 m
0.3 m / 3 m