1 Installation

DS-K1T331 Series

Face Time Attendance Terminal

Quick Start Guide

UD15536B-C

Installation Environment

● Avoid backlight, direct sunlight, and indirect sunlight.
● For better recognition, there should be light source in or near the installation environment.

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

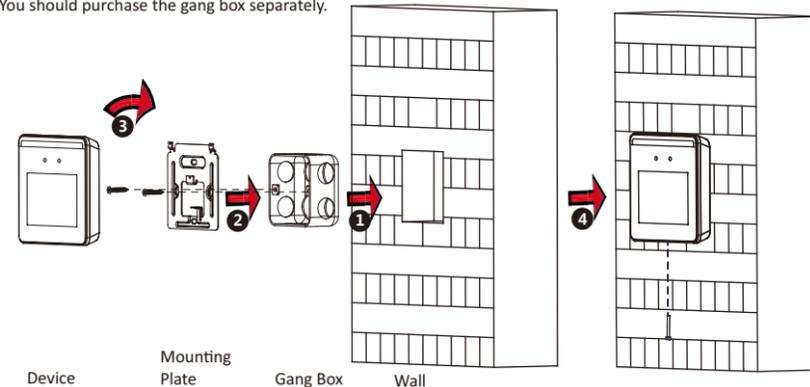### Installation with Gang Box

Before you start:

According to the baseline on the mounting template, stick the mounting template on the wall or other surface, 1.45 meters higher than the ground.

Note: Make sure the output of external power supply fulfils LPS.

❶ Drill holes on the wall or other surface according to the mounting template and install the gang box.
❷ Use two supplied screws (SC-KM4x25-SUS or KA4x22-SUS) to secure the mounting plate on the gang box. Route the cables through the cable hole of the mounting plate, and connect the terminals with the external device's cables.
❸ Align the device with the mounting plate and hang the device on the mounting plate.
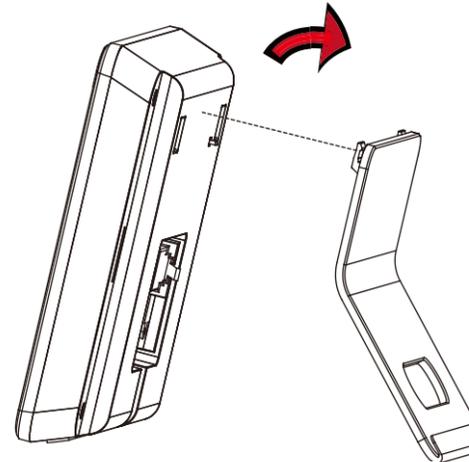❹ Use one supplied screw to secure the device and the mounting plate.

Note:
● The installation height here is the recommended height. You can change it according to your actual needs.
● For easy installation, drill holes on mounting surface according to the supplied mounting template.
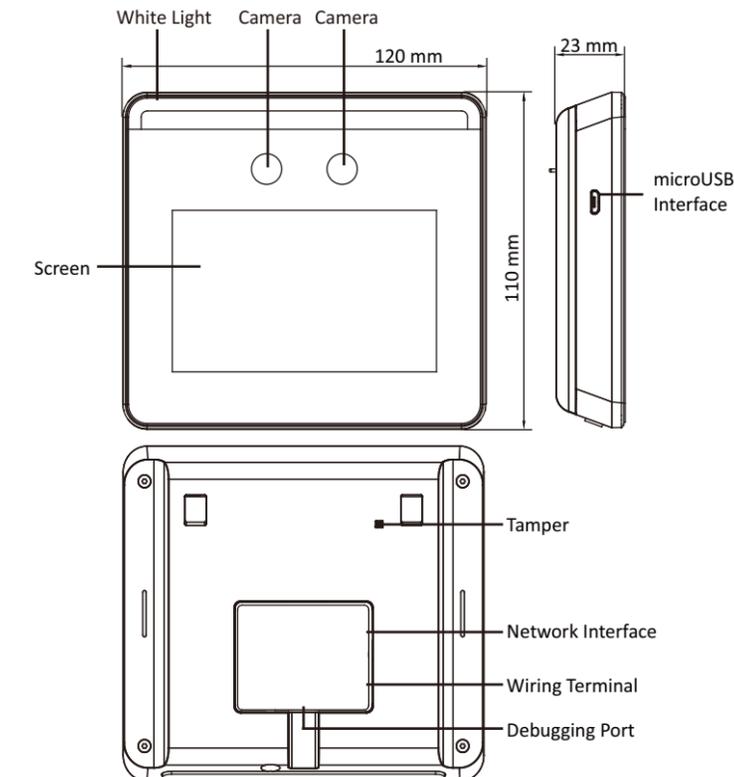● You should purchase the gang box separately.

Device   Mounting Plate   Gang Box   Wall

Base Mounting:

❶ Route the cables through the cable hole of the bracket, and connect the terminals with external device's cable.
❷ Align the device two holes with the two buckles on the bracket.
❸ Hang the device on the bracket and make sure the buckle in the middle of the bracket is inserted in the groove on the device back.
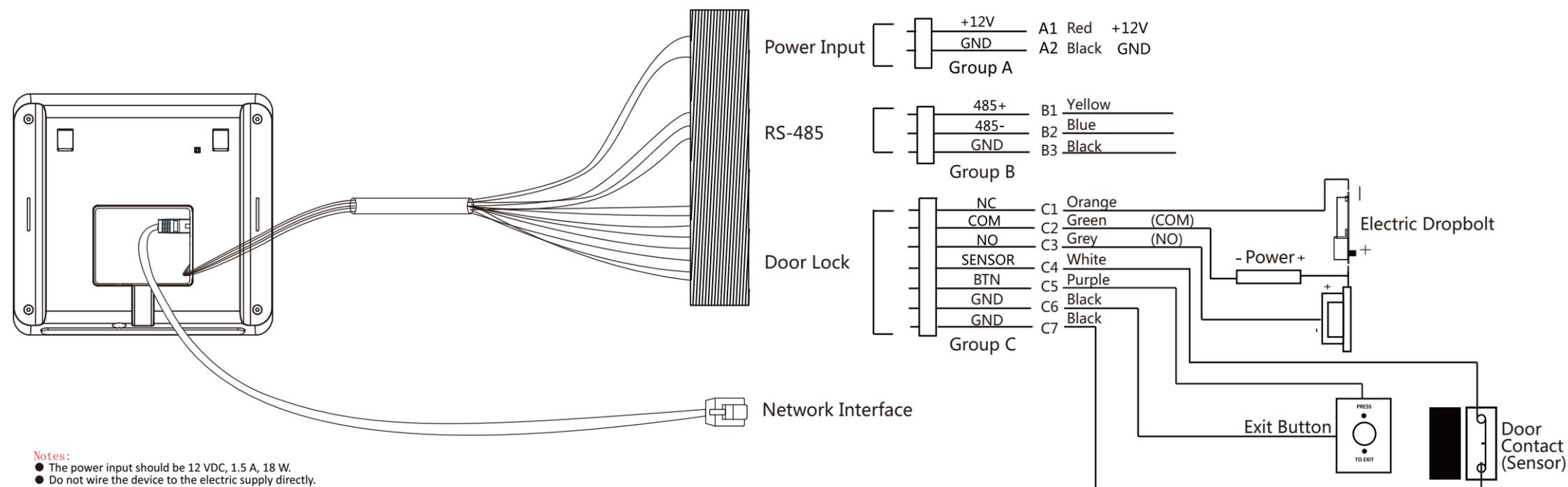❹ Place the assembled device and bracket on the desk or other flats.

Appearance and Dimension:

White Light   Camera   Camera

120 mm

23 mm

110 mm

microUSB Interface

Screen

Tamper

Network Interface

Wiring Terminal

Debugging Port

Note: The figures are for reference only.

2 Device Wiring (Normal)

Power Input

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

Group A

RS-485

485+	B1	Yellow
485-	B2	Blue
GND	B3	Black

Group B

Door Lock

NC	C1	Orange	
COM	C2	Green	(COM)
NO	C3	Grey	(NO)
SENSOR	C4	White	
BTN	C5	Purple	
GND	C6	Black	
GND	C7	Black	

Group C

Network Interface

Electric Dropbolt

- Power +

Exit Button

Door Contact (Sensor)

PRESS
TO EXIT

Notes:
● The power input should be 12 VDC, 1.5 A, 18 W.
● Do not wire the device to the electric supply directly.

3 Activation

● Activate via Device

Power on and wire the network cable after installation. You should activate the device before the first login.
If the device is not activated yet, it will enter the Activate Device page after powering on.

Step:
1. Create a password and confirm the password.
Note: admin or nimda are not supported.
2. Tap **Activate** to activate the device.
Note: For other activation methods, see the device user manual.
3. Set application mode and recognition mode by following the instructions according to your actual needs.

● Set Application Mode

After activation, you should select an application 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 recognition function is note working well, select **Others**.

● Set Language

Select a language from the drop-down list.

● Set Administrator

Steps:
1. Enter the administrator's name and tap **Next**.
2. Select a credential to add. You can select face, fingerprint, or card.
3. Tap **OK**.

⚠ 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.

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4 Adding Face Information

1. Use finger to hold the screen surface for 3 s and slide to right/left and enter the activation 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 functions.
Y4. Tap Face and add the face information according to the instructions.
You can view the captured picture on the screen, Make sure the face picture is in good quality and size.
For details about the tips and positions when collecting or comparing the face picture, see the contents on the right.

5. If the picture is in good condition, tap the ✓.
Or tap the 📷 to take another face picture.

6. Tap the save icon to save the settings.
Go back to the initial page to start authentication.
For other authentication methods, see the device user manual.

Recommended: Use other authentication methods if the device if affected by the light or other items.
1:N Matching: The device will compare the captured face picture with the ones in the database.

⚠ Biometric recognition products are not completely applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.
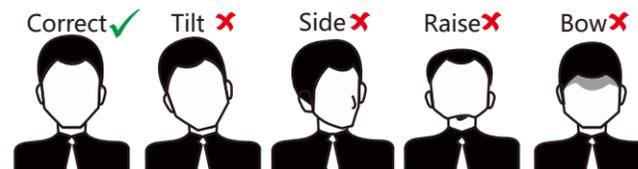
Tips When Collecting/Comparing Face Picture

Expression

● Keep your expression naturally when collecting 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 recognition function.

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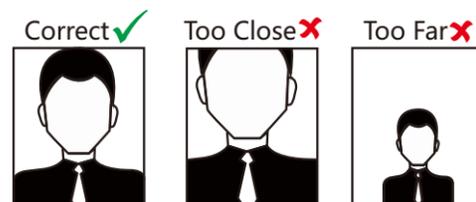
Posture

In order to get a good quality and accurate face picture, position your face looking at the camera when collecting or comparing face picture.

Correct ✓   Tilt ✗   Side ✗   Raise ✗   Bow ✗

Size

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

Correct ✓   Too Close ✗   Too Far ✗

Positions When Collecting/Comparing Face Picture

✓ Recommended Height: 1.43 m to 1.90 m
✗ Too High
✗ Too Low
1.4 m   1.4 m
0.5 m   0.5 m
✗ Too Close   ✗ Too Far
1.4 m   1.4 m
0.5 m   1.2 m

Regulatory Information

⚠ **Warning**
● In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region.
● CAUTION: To reduce the risk of fire, replace only with the same type and rating of fuse.
● CAUTION: This equipment is for use only with Hikvision's bracket. Use with other (carts, stands, or carriers) may result in instability causing injury.
To prevent possible hearing damage, do not listen at high volume levels for long periods.
● Please use the power adapter, which is provided by normal company. The power consumption cannot be less than the required value.
● Do not connect several devices to one power adapter as adapter overload may cause over-heat or fire hazard.
● Please make sure that the power has been disconnected before you wire, install or dismantle the device.
● When the product is installed on wall or ceiling, the device shall be firmly fixed.
● If smoke, odors or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.
● If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the device yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)

⚠ Caution
● + identifies the positive terminal(s) of equipment which is used with, or generates direct current. + identifies the negative terminal(s) of equipment which is used with, or generates direct current.
● No naked flame sources, such as lighted candles, should be placed on the equipment.
● The USB port of the equipment is used for connecting to a USB flash drive only.
● The serial port of the equipment is used for debugging only.
● Burned fingers when handling the fingerprint sensor metal. Wait one-half hour after switching off before handling the parts.
● Install the equipment according to the instructions in this manual.
● To prevent injury, this equipment must be securely attached to the floor/wall in accordance with the installation instructions.
● Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
● Do not place the device in extremely hot (refer to the specification of the device for the detailed operating temperature), cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.
● The device cover for indoor use shall be kept from rain and moisture.
● Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).
● Do not aim the device at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction however), and affecting the endurance of sensor at the same time.
● Please use the provided glove when open up the device cover, avoid direct contact with the device cover, because the acidic sweat of the fingers may erode the surface coating of the device cover.
● Please use a soft and dry cloth when clean inside and outside surfaces of the device cover, do not use alkaline detergents.
● Please keep all wrappers after unpack them for future use. In case of any failure occurred, you need to return the device to the factory with the original wrapper. Transportation without the original wrapper may result in damage on the device and lead to additional costs.
● Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.
● Biometric recognition products are not completely applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.
● Please make sure that the biometric recognition accuracy will be affected by the collected pictures' quality and the light in the environment, which cannot be completely correct.